

1-ALLGEMEINES
GENERAL
GENERALE
GENERALI

2-HAUPTSTÜCKLISTE
MAIN PARTS LIST
LISTE DE PIECES PRINCIPALE
ELENCO COMPONENTIS

3-ELEKTRIK
ELECTRICS
ELECTRIQUE
ELETTRICA

4-MASCHINENDATEN
MACHINE DATA
DONNEES MACHINE
DATI MACCHINA

5-PROGRAMMAUSDRUCK
PROGRAM LISTING
LISTE DE PROGRAMMES
IMPRESSIONE PROGRAMMA

6-HYDRAULIK
HYDRAULICS
HYDRAULIQUE
IMPIANTO OLEODINAMICO

7-PNEUMATIK
PNEUMATICS
PNEUMATIQUE
PNEUMATICA

8-AUFSTELLUNGSPLAN
INSTALLATION DRAWING
PLAN D'IMPLANTATION
PIANO DI MONTAGGIO

9-MECHANIK
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MECANIQUE
MECCANICA

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SPARE PARTS LISTS
LISTE DE PIECES DE RECHANGE
ELENCO RICAMBI

COM.-NR/COM.-NO/N° COM./COM.-N°

52.588.00

TYP/TYPE/TYPE/TIPO

SRV6

**KUNDENDIENST . CUSTOMER SERVICE . SERVICE APRES-VENTE - SERVIZIO
ASSISTENZA CLIENTELA . SERVICIO POST VENTA**

DEUTSCHLAND:

REIS ROBOTICS

Industriegebiet an der B469
D-63785 OBERNBURG

☎ (0)6022/503-0
FAX.: (0)6022/503-110
http:// www.reisrobotics.de

Service/servizio/assistenza:	☎ (0)6022/503-
Leitung/Manager/Directeur	- 233
Roboter, Schweißen/robots/welding/soudage	- 266 / - 246
Roboter, Pressen/robots/presses	- 252
Ersatzteile/Spare Parts/pièces de rechange	- 244 / - 255
Druckguß/diecasting/moulage sous pression	- 252
Handhabung/handling/maniement	- 245 / - 234
Beschichtung/coating/enduite	- 245 / - 234

ARGENTINIEN:

Welding Argentina S.A.
Mr. Abelardo D. Lago/Mr. Nozialak
Matheu 52

RA-1725 LOMAS DEL MIRADOR
Pcia. Buenos Aires

☎ (0054) 1-655-4586
Fax: (0054) 1-655-0295

CHINA:

Beijing Aeronautical Manufacturing
Technology Research Institute
Mr. Wu Qian
Ba-Li-Qiao, Chaoyang District
P.O. Box 863

P.R. CHINA-BEIJING 100024
☎ (0086) 1-576 32 45
Fax: (0086) 1-576 23 06
Telex: 4315 Beijing

BELGIEN:

Corden-Robots
Frau Denuit-Cordenier
242, Bd. G. Wahis

B-1030 BRÜSSEL

☎ (0032) 2-705 34 49
FAX.: (0032) 2-705 35 56

CHINA:

Changan Automobile Co. Ltd.
Special Machine Works
Mr. Xiao Xiu Shan

P.R. CHINA-CHONGQING 630023
☎ (0086) 811-787 2884
Fax: (0086) 811-785 2882

BRASILIEN:

Reis Robotics do Brasil Ltda.
Mr. Rolf-Rainer Kalker
Rua Dr. Ribeiro de Almeida, 286

BR - 01137 - 020 Sao Paulo - SP

☎ (0055) 11-3666 9289
Fax: (0055) 11-826 4076

CHINA:

Representant REIS
Mr. Liu Jingshend
20-4 Building 2
Guangxlmen Beill
Chaoyang District

P.R. CHINA-BEIJING 100028
☎ (0086) 1391125824
Fax / ☎: (0086) 106-513 5379

GRIECHENLAND:

(only welding)

Center of Welding & Cutting Machines
Filopimene Tzigas
Mr. Filopimene Tzigas
156 Gannitson Str.

GR-54628 Salonika

☎ (0030) 31 533 043 or 31 528 024
Fax: (0030) 31-513 177

IRAN:

BARGH SANAT
Mr. Bargh Djelveh
No. 1,1 corner of Amini Alley
End of Tur st.
Africa Ave.

19176 Teheran - IRAN

☎ (0098) 21-8086-120
Fax: (0098) 21-8085-126

ISRAEL:

David Eisen Machinery LTD.
Mr. David Eisen
6 Shvil Hatnufa St
P.O. Box 35013

IL-61350 TEL-AVIV

☎ (00972) 3-6819191
FAX: (00972) 3-6815366

MALAYSIA:

Weldcentre (M) Sdn. Bhd.
Mr. Davic E. C. Ng
15 & 17, Jalan 33/IA,
Jalan Biola Satu, Section 33
Elite Industrial Estate

Malaysia 40350 Shah Alem, Selangor

☎ (0060) 3-521-9999
FAX: (0060) 3-521-9968

ITALIEN:

REIS Robotics Italia S.r.l.
Sig. Cavallero
Via del Lavoro 42

I-20040 Bellusco

☎ (0039) 0 39-6 06 70 20
FAX: (0039) 0 39-6 06 70 12
Auto☎ (0039) 337-875 675

NIEDERLANDE (Nur Druckguß):

Gietterij-Techniek
"HOLLAND BV"
Herr Broeren
Postbus 128

NL-7580 AC LOSSER

☎ (0031) 5353-83 755
FAX: (0031) 5353-86 465

INDIEN (only TUS):

Empire Machine Tools
Mr. P. N. Rao
Empire House, 414, Senapati Bapat Marg,
Lower Parel

IND-BOMBAY 400 013

☎ (0091) 22-4 93 41 38
Fax: (0091) 22-4 93 53 63

NIEDERLANDE (Nicht Druckguß):

Exner Ingenieurstechnik BV
Herr Emil Exner
Boosseestraat 20

NL-6658 AT BENEDEN-LEEUVEN

☎ (0031) 48759-4411
FAX: (0031) 48759-4210
Auto☎ (0031) 651-305523 (Hr. Exner sen.)
(0031) 653-190196 (Hr. Exner jun.)

TSCHECHISCHE REPUBLIK:
(only Spotting and Try out press)

Jiri Škaroupka - OPT Blansko
Herr Jiri Škaroupka
Podlesi 2

CZ - 678 01 BLANSKO

☎ (00420) 506 417 134
FAX: (00420) 506 417 134
Handy: (00420) 602 756 633

TÜRKEI:

CEFIP Ltd
Herr Özcan
Siyavuspasa Sok.
Asilsoy Ticaret Merkezi No. 12/3

TR-34450 Süleymaniye- Istanbul

☎ (0090) 2125 127 416
Fax: (0090) 2125 127 417

TÜRKEI:

CEFIP Ltd
Herr Özcan
Wilhelmstr. 61

D-44649 Herne

☎ 02325/5 60 49
Fax: 02325/5 57 49
Auto☎ 0172/7 40 19 87

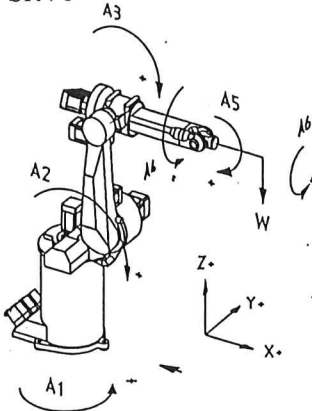
USA:

REIS MACHINES INC.
1320, Holmes Road

USA-ELGIN IL 60123

☎ (001) 847-741-9500
Fax: (001) 847-888-2762
Telex: 023/9102514481

Typ/type/type:
SRV6



Com.-Nr. 52.588.00
com.no.
com.no.

Standort
site
site

Inventory-Nr.
inventory no.
no. inventaire

Abteilung
department
département

Kostenstelle
cost section
centre de frais

Baujahr 1999
year of manuf.
année de fabr.

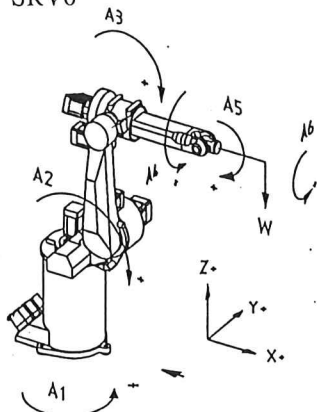
Anschaffung
purchase
acquisition

Zubehör
accessories
accessoires

Bemerkungen
remarks
remarques

ROBOTstar V		Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe
		1	2	3	4	5	6	7	8		
Drehwinkel rotation angle angle de rotation	°	+150 -180	+30 -135	+150 -120	+180 -180	+123 -123	+360 -360	RDK05	RDK05		
Geschwindigkeit velocity vitesse	°/s mm/s	140	140	140	270	270	400				
Hersteller manufacturer fabricant		Baumüller	Baumüller	Baumüller	Baumüller	Baumüller	Baumüller				
Typ type type		DSG45M	DSG56M	DSG45S	DSG45S	DSG45S	DSG45S				
Motor-Inv.-Nr. motor in. no. no. inv. du moteur											
Leistung power puissance	KW	0,63	2,35	0,29	0,29	0,29	0,29*				
Strom current courant	A	1,6	4,0	0,8	0,8	0,8	0,8				
Drehzahl r.p.m. tours	1/min	4000	4000	4000	4000	4000	4000				
Motor/motor/moteur Schutzart syst. of protection protection	IP	65	65	65	65	65	65				

Typ/type/type:
SRV6



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Standort
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Abteilung
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Kostenstelle
cost section
centre de frais

Baujahr 1999
year of manuf.
année de fabr.

Anschaffung
purchase
acquisition

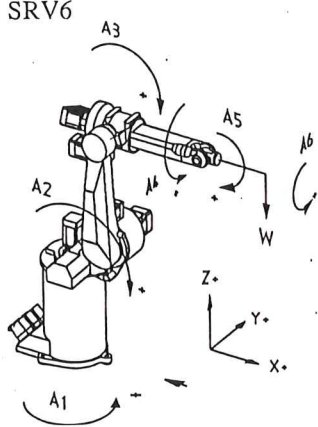
Zubehör
accessories
accessoires

Bemerkungen
remarks
remarques

ROBOTstar V		Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe
		1	2	3	4	5	6	7	8		
Drehwinkel rotation angle angle de rotation	°	+150 -180	+30 -135	+150 -120	+180 -180	+123 -123	+360 -360	RDK05	RDK05		
Geschwindigkeit velocity vitesse	°/s mm/s	140	140	140	270	270	400				
Hersteller manufacturer fabricant		Baumüller	Baumüller	Baumüller	Baumüller	Baumüller	Baumüller				
Typ type type		DSG45M	DSG56M	DSG45S	DSG45S	DSG45S	DSG45S				
Motor-Inv.-Nr. motor in. no. no. inv. du moteur											
Leistung power puissance	KW	0,63	2,35	0,29	0,29	0,29	0,29*				
Strom current courant	A	1,6	4,0	0,8	0,8	0,8	0,8				
Drehzahl r.p.m. tours	1/min	4000	4000	4000	4000	4000	4000				
Motor/motor/moteur Schutzart syst. of protection protection	IP	65	65	65	65	65	65				

		Roboter Robot Robot	Zubehör Accessories Accessoires
Steuerung/control/commande			
Typ/type/type		ROBOTstar V	
Wegmeßsystem path measuring system système de mesure de trajectoire		Resolver resolver resolveur	
Zahl der Eingänge/number of inputs/nombre des entrées		16	
Zahl der Ausgänge/number of outputs/nombre des sorties		16	
Datenschnittstelle/data interface/interface de données		V 24	
Elektrik/electrics/électricité			
Gesamtanschlußwert/total connected load/puissance installée tot.	KVA	3	
Spannung/voltage/tension	V	400/230	
Frequenz/frequency/fréquence	Hz	50	
Gesamtleistungsbedarf/tot. requirem. of energy/puissance nécessaire totale	KW	2,5	

Pneumatik/pneumatics/pneumatique (wenn vorhanden/if applicable/le cas échéant)			
Fließdruck/flow pressure/pression d'écoulement	bar	5 ≤ 7	
Versorgungsquerschnitt/supply cross section/section d'alimentation			
Hydraulik/hydraulics/hydraulique (wenn vorhanden/if applicable/le cas échéant)			
Mechanik/mecanics/mécanique			
Gewicht/weight/poids		Kg	
	Roboter/robot/robot		≈ 200
	Schaltschrank/control cabinet/armoire de commande		
Maximallast/max. load/charge maximale		Kg	6
Standfläche/floor space/empacement		m x m	
	Grundplatte/base plate/plaque de base		
	Schaltschrank/control cabinet/armoire de commande		0,6 x 0,8
Ausgestellt issued délivré	Datum date date	14.12.99	Name name nom
		Jacobi	Datk_rv6_RSV.doc/21.12.98 08:08/D/E/F

Typ/type/type: SRV6 	Com.-Nr. com.no. com.no.	52.588.00	Standort site site
	Inventory-Nr. inventory no. no. inventaire		Abteilung department département
	Kostenstelle cost section centre de frais		
	Baujahr year of manuf. année de fabr.	1999	
	Anschaffung purchase acquisition		
Zubehör accessories accessoires	Bemerkungen remarks remarques		

ROBOTstar V		Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe	Achse axis axe
		1	2	3	4	5	6	7	8		
Drehwinkel rotation angle angle de rotation	°	+150 -180	+ 30 -135	+ 150 -120	+180 -180	+123 -123	+360 -360	RDK05	RDK05		
Geschwindigkeit velocity vitesse	%s mm/s	140	140	140	270	270	400				
Hersteller manufacturer fabricant		Baumüller	Baumüller	Baumüller	Baumüller	Baumüller	Baumüller				
Typ type type		DSG45M	DSG56M	DSG45S	DSG45S	DSG45S	DSG45S				
Motor-Inv.-Nr. motor in. no. no. inv. du moteur											
Leistung power puissance	KW	0,63	2.35	0,29	0,29	0,29	0,29*				
Strom current courant	A	1,6	4,0	0,8	0,8	0,8	0,8				
Drehzahl r.p.m. tours	1/min	4000	4000	4000	4000	4000	4000				
Motor/motor/moteur Schutzart syst. of protection protection	IP	65	65	65	65	65	65				

STAGE	ID.NO.	ITM	QTY	HA ME	DISIGNATION	DRAWING NO	GROUP	VT-S	ETK
	2577635			EF STK *	SRV6 PLASMA MODUL	COM. 52.588,00	998	N N	
1	2578633	100	1,000	EF STK	ELECTRIC	COM. 52.588,00	964	N 0 0 0	
1	2578641	300	1,000	EF STK	HYDR./PNEUM.	COM. 52.588,00	964	N 0 0 0	
1	2578658	400	1,000	EF STK	MECHANIC	COM. 52.588,00	964	N 0 0 0	
1	2559989	810	1,000	EF STK *	MECH.INST. PLASMA MOD. RV/RH		962	N 0 3 3	
1	2559997	820	1,000	EF STK *	EL.INST. PLASMA MOD. RV/RH		962	N 0 3 3	
1	2560003	840	1,000	EF STK *	PN.INST. PLASMA MOD. RV/RH		962	N 0 3 3	
1	2577643	850	1,000	EF STK *	PLASMA MODUL SRV6 ZEIT	COM. 52.588,00	965	N 0 0 0	

VT = Verschleissenteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilkpaket

T = Teilstammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

----- Ende der Liste -----

STAGE	ID.NO.	ITM	QTY	HA ME	DISIGNATION	DRAWING NO	GROUP	VT-S	ETK
	2578633			EF	STK ELECTRIC	COM. 52.588.00	964	N	N
1	2530527	1	1,000	EF	STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N	0 0 0
1	2530519	2	1,000	EF	STK AXIS 1-6 RV6/16/6L MACHINE RS5	012984	92	N	0 0 0
1	2530501	3	1,000	EF	STK SUPPLY LINE 6 AXES RS5	012984	92	N	0 0 0
1	2138966	4	1,000	EF	STK CONTROL CABINET WIRING MAT.RSV	012729	92	N	0 0 0
1	2530857	5	1,000	EF	STK SAFETY-CONTR. WITH ACC.	013020	92	N	0 0 0
1	2364778	6	1,000	EF	STK RACK 2SLOT/POWER PACK/ACC. RS5		92	N	0 0 0
1	2364109	7	1,000	EF	STK AKKU 12V/3,5AH + ACC.		92	N	0 0 0
1	2140442	8	1,000	EF	STK DISK-LW / FRONT PLATE / E-BOX / CONNECTING MATERIAL	012945	92	N	0 0 0
1	2363713	9	1,000	EF	STK CC-MECH./1200/RS5		92	N	0 0 0
1	2140350	10	1,000	FB	STK PORT.TEACH PEND. / VERSION 3.01	5000	36	MEGATEC ELEC	N 6 0 0
1	2140376	11	1,000	EF	STK PORT.TEACH PEND. CABLE RSV 7,5 M		92	N	6 0 0
1	2416024	12	1,000	FB	STK TEACH PENDANT DOIL FOR RABASSIST	SKR 8534 D	-C 36	N	0 0 2
1	2363523	13	1,000	EF	STK ADDITIONAL AXIS RS5 RDK05		92	N	0 0 2
1	2141010	14	1,000	EF	STK DNC REMOTE CUSTOMER SERVICE ENGLISH		92	N	0 0 2
1	1539726	15	1,000	EF	STK SENSOR CONTROL FOR CONTACT SENSOR		92	N	0 0 2
1	2530402	16	1,000	EF	STK ACC. WELDING RS5	012984	92	N	0 0 2
1	2216507	99	1,000	EF	STK WIR.DIAGR. + ACC. 52.588.00	013326	90	N	0 0 2

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilkpaket

T = Teilstammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- Ende der Liste -----

STAGE ID.NO.	ITM QTY	HA ME DISIGNATION	DRAWING NO	GROUP	VT-S ETK
2578641		EF STK HYDR./PNEUM.	COM. 52.588.00	964	N'N
1	1403220 1	1,000 EF STK COVER KIT RV6/15	307.0100.0.00-7 -C 484		N 0 0 0

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilkpaket

T = Teilstammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

----- Ende der Liste -----

STAGE	ID.NO.	ITM QTY	HA ME DISIGNATION	DRAWING NO	GROUP	VT-S ETK
	2578658		EF STK MECHANIC	COM. 52.588.00	964	N N
1	2278200 401	1,000	FB STK MACHINE IDENT.PLATE 70X82X0.8	350.9809.4.00	754 KUENKLER EGO	N 0 0 0
1	2048553 410	1,000	EF STK RV6/16 AXIS BASIC ASSY. (560 V)		484	N 0 0 0
1	2048702 411	1,000	EF STK RV6 ACHSE 1 DRIVE RSV UZK=560V	307.0170.0.00	-C 484	N 0 0 0
1	1428888 420	1,000	EF STK RV6/16 AXIS 2/3 BASIC ASSY. UNIT	307.0220.0.00	-C 484	N 0 0 0
1	2276444 421	1,000	EF STK RV6 AXIS 2 DRIVE RS5 UZK=560	307.0220.0.00	-C 484	N 0 0 0
1	2276568 431	1,000	EF STK RV 6 AXIS 3 DRIVE RS5 UZK=560V	307.0320.0.00	-C 484	N 0 0 0
1	1969402 440	1,000	EF STK RV6/6L/16 AXIS 4	307.0450.0.00	-C 484	N 0 0 0
			BASIC ASSEMBLY UNIT			
1	2277160 441	1,000	EF STK RV6 A4/5/6 DRIVE BASIC ASSY. RS5	307.0400.0.00-1	484	N 0 0 0
1	2277285 442	1,000	EF STK RV6 AXIS 5/6 DRIVE L540 RS5 UZK=560V	307.0400.0.00-1	484	N 0 0 0
1	1463075 450	1,000	EF STK RV6 AXIS 5/6 HEAD	307.0600.0.00-1	-C 484	N 1 0 0
			-C			
1	2277640 455	1,000	EF STK MACH.INST. BASIC ASSY. RV6/16 RS5	RSV-560V	92	N 0 0 0
1	2281097 460	1,000	EF STK BASIC ASSEMBLY UNIT RDM05	309.3500.0.00	468	N 0 0 2
1	251983 461	1,000	EF STK TILTING AXIS RDK05 BASIC	309.3600.0.00-2	468	N 0 0 2
			ASSY.UNIT			
1	2276683 462	1,000	EF STK RV16/6L AXIS 2 DRIVE	307.0220.0.00	-C 484	N 0 0 2
			RS5 UZK=560V 1.0			
1	1831586 463	1,000	EF STK RDK/RDM05 FACE PLATE		468	N 0 0 2
			RD600 WITH ACC.			
1	1544635 464	1,000	EF STK EARTH COUPLING RDK05	309.3600.0.00-2	468	N 0 0 2
1	1577957 465	1,000	EF STK ENERGY SUPPLY LINE RDK05	309.3600.0.00-2	493	N 0 0 2
1	1723361 466	1,000	EF STK RDK02/05 FIXTURE W/O ALIGMENT M16		478	N 0 0 2
1	1400648 467	1,000	EF STK REFERENCE MARKING RDK		488	N 0 0 2
1	2278200 468	1,000	FB STK MACHINE IDENT.PLATE 70X82X0.8	350.9809.4.00	754 KUENKLER EGO	N 0 0 2

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilpaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- Ende der Liste -----

Legende für Stückliste / Ersatzteilliste
legend of the list of parts / spare parts list

POS.	MENGE	BEZEICHNUNG	ZEICHNUNGEN	ID.NR.	Lieferant / Hersteller
Position der Stückliste	Summe der Bauteile/Einzelteile in der angegebenen Position	Name • der Baugruppe • des Bauteils • des Einzelteils Artikelbezeichnung des Herstellers	Zeichnungsnummer bzw. Schaltplannummer	REIS- Bestellnummer	Wenn keine Angabe, dann REIS
ITEM	QUANTITY	DESIGNATION	DRAWING NO.	ID-NO.	SUPPLIER/ MANUFACTURER
item of the list of parts	sum of components/ individual parts in the indicated item	name • of the assembly unit • of the component • of the individual part designation of article of the manufacturer	number of the drawing or number of the circuit diagram	REIS-order-no.	If not otherwise mentioned: REIS

Beispiel:

example:

102	Baugruppe mit mehreren Bauteilen	/	assembly group with several components
15	Bauteil einer Baugruppe	/	component of an assembly group
2	Einzelteil eines Bauteils	/	individual part of a component

S P A R E - P A R T S L I S T

Elektrik

Date :20.12.99 Page : 1

DESIGNATION SRV6 PLASMA MODUL

DRAWING : COM. 52.588.00

ID-NO. : 2577635

Pos	QTY	ME	DESIGNATION	DRAWING NO.	ID.NO.	TYP	AVA	PE	MANUFACTURE
100 *	1	STK	ELECTRIC	COM. 52.588.00	2578633	0	L	1	
1	1	STK	AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	2530527	0		1	
21	1	STK	REGULATOR 4003	6021	2138602	6		1	I R T SA
28	1	STK	MOTOR LINE / SS		2139022	1		1	
29	1	STK	RESOLVER LINE / SS		2139014	1		1	
2	1	STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	1476119	6	L	1	HARTING ELEKTRONIK
3	9	STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	1476135	6	L	3	F C T ELECTRONIC GM
4	1	STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	1476192	6	L	1	F C T ELECTRONIC GM
6	11	STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	1477091	6	L	3	HARTING ELEKTRONIK
7	1	STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	1477117	6	L	3	HARTING ELEKTRONIK
31	1	STK	REGULATOR 4005	6022	2138610	6		1	I R T SA
38	1	STK	MOTOR LINE / SS		2139022	1		1	
39	1	STK	RESOLVER LINE / SS		2139014	1		1	
2	1	STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	1476119	6	L	1	HARTING ELEKTRONIK
3	9	STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	1476135	6	L	3	F C T ELECTRONIC GM
4	1	STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	1476192	6	L	1	F C T ELECTRONIC GM
6	11	STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	1477091	6	L	3	HARTING ELEKTRONIK
7	1	STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	1477117	6	L	3	HARTING ELEKTRONIK
41	1	STK	REGULATOR 4003	6021	2138602	6		1	I R T SA
48	1	STK	MOTOR LINE / SS		2139022	1		1	
49	1	STK	RESOLVER LINE / SS		2139014	1		1	
2	1	STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	1476119	6	L	1	HARTING ELEKTRONIK
3	9	STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	1476135	6	L	3	F C T ELECTRONIC GM
4	1	STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	1476192	6	L	1	F C T ELECTRONIC GM
6	11	STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	1477091	6	L	3	HARTING ELEKTRONIK
7	1	STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	1477117	6	L	3	HARTING ELEKTRONIK
51	1	STK	REGULATOR 4003	6021	2138602	6		1	I R T SA
58	1	STK	MOTOR LINE / SS		2139022	1		1	
59	1	STK	RESOLVER LINE / SS		2139014	1		1	
2	1	STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	1476119	6	L	1	HARTING ELEKTRONIK

EKZ : 1 = SPARE PART 6 = SPARE PART PACK - ITEM

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DELIVERY ON REQUEST

VALIDITY OF QUOTE 6 MONTHS AFTER DATE OF PRINTOUT

S P A R E - P A R T S L I S T

Elektrik

Date :20.12.99 Page : 2

DESIGNATION SRV6 PLASMA MODUL

DRAWING : COM. 52.588.00

ID-NO. : 2577635

Pos	QTY	ME	DESIGNATION	DRAWING NO.	ID.NO.	TYP	AVA	PE	MANUFACTURE
3	9	STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	1476135	6	L	3	F C T ELECTRONIC GM
4	1	STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	1476192	6	L	1	F C T ELECTRONIC GM
6	11	STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	1477091	6	L	3	HARTING ELEKTRONIK
7	1	STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	1477117	6	L	3	HARTING ELEKTRONIK
61	1	STK	REGULATOR 4003	6021	2138602	6		1	I R T SA
68	1	STK	MOTOR LINE / SS		2139022	1		1	
69	1	STK	RESOLVER LINE / SS		2139014	1		1	
2	1	STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	1476119	6	L	1	HARTING ELEKTRONIK
3	9	STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	1476135	6	L	3	F C T ELECTRONIC GM
4	1	STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	1476192	6	L	1	F C T ELECTRONIC GM
6	11	STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	1477091	6	L	3	HARTING ELEKTRONIK
7	1	STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	1477117	6	L	3	HARTING ELEKTRONIK
71	1	STK	REGULATOR 4003	6021	2138602	6		1	I R T SA
73	1	STK	CONNECTING CABLE CAN-BUS TWIS.P 10POL.		2363218	0		1	
1	1	STK	SUB-D 9POL.BU/INSULATION TERMINAL	1358	2140491	6	L	1	HARTING ELEKTRONIK
2	1	STK	SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	2363671	6	L	1	HARTING ELEKTRONIK
4	4	STK	S-SUB SCREW CLIP 43438-3	0267	1764431	6		1	SCHURICHT GMBH & CO
78	1	STK	MOTOR LINE / SS		2139022	1		1	
79	1	STK	RESOLVER LINE / SS		2139014	1		1	
2	1	STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	1476119	6	L	1	HARTING ELEKTRONIK
3	9	STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	1476135	6	L	3	F C T ELECTRONIC GM
4	1	STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	1476192	6	L	1	F C T ELECTRONIC GM
6	11	STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	1477091	6	L	3	HARTING ELEKTRONIK
7	1	STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	1477117	6	L	3	HARTING ELEKTRONIK
81	1	STK	FINAL RESISTOR XR120 CAN-BUS		2140533	0		1	
1	1	STK	SUB-D 9POL.BU/INSULATION TERMINAL	1358	2140491	1	L	1	HARTING ELEKTRONIK
2	2	STK	RESISTOR MS 1200HM/0,4W 331-946	3101	2140525	1		1	FARNELL ELECTRONIC
3	2	STK	S-SUB SCREW CLIP 43438-3	0267	1764431	1		1	SCHURICHT GMBH & CO

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DELIVERY ON REQUEST

VALIDITY OF QUOTE 6 MONTHS AFTER DATE OF PRINTOUT

S P A R E - P A R T S L I S T

Elektrik

Date :20.12.99 Page : 3

DESIGNATION SRV6 PLASMA MODUL

DRAWING : COM. 52.588.00

ID-NO. : 2577635

Pos	QTY	ME	DESIGNATION	DRAWING NO.	ID.NO.	TYP	AVA	PE	MANUFACTURE
6	1	STK	RACK 2SLOT/POWER PACK/ACC. RS5		2364778	0		1	
1	1	STK	VME-RACK 2SLOT 6HE/16TE 9999111	05006	2141077	6	L	1	RITTAL-WERK
3	3000	MM	OELFLEX NUMBERED CABLE 3X0,75	100103	745	1		4	SAB SIGNAL-ANLAGEN
4	7	STK	MULTICORE CABLE END 4096.0	0304	44925	1		3	WEIDMUELLER GMBH
6	1	STK	CPU-60D/32/CX STAND.	05000	2363879	1		1	FORCE COMPUTERS GMB
7	1	STK	M MODULE CARRIER + M MODULE		2365486	1		1	
9	1	STK	CONNECTING CABLE SAFETY-CONTR. M-MODUL TWIS.P. 10POL.		2363317	0		1	
2	2	STK	SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	2363671	6	L	1	HARTING ELEKTRONIK
4	4	STK	S-SUB SCREW CLIP 43438-3	0267	1764431	6		1	SCHURICHT GMBH & CO
8	1	STK	DISK-LW / FRONT PLATE / E-BOX / CONNECTING MATERIAL	012945	2140442	0		1	
10	1	STK	DISK DRIVE 3.5" 1.44 MB	MF 355F-3250 MG	2130047	6		1	LION ELECTRONICS IN
10	1	STK	PORT.TEACH PEND. / VERSION 3.01	5000	2140350	6		1	MEGATEC ELECTRONIC
11	1	STK	PORT.TEACH PEND. CABLE RSV 7,5 M		2140376	6		1	
13	1	STK	ADDITIONAL AXIS RS5 RDK05		2363523	0		1	
1	1	STK	AC AXE / IRT 4005	013019	2531335	0		1	
1	1	STK	REGULATOR 4005	6022	2138610	6		1	I R T SA
8	1	STK	MOTOR LINE / SS		2139022	1		1	
9	1	STK	RESOLVER LINE CC-ADD.	013019	2531269	1		1	
11	1	STK	AC AXIS / IRT 4009	013019	2531343	0		1	
1	1	STK	REGULATOR 4009	6023	2138628	6		1	I R T SA
8	1	STK	MOTOR LINE / SS		2139022	1		1	
9	1	STK	RESOLVER LINE CC-ADD.	013019	2531269	1		1	
20	1	STK	CONTROL CABINET CONNECTION 46POL.	012945	2140483	0		1	
1	1	STK	HOUSING BOTTOM 09 30 024 0301	0408	338046	1	L	1	HARTING ELEKTRONIK
2	1	STK	JACK INSERT 09 32 046 3109	2522	2139220	1	L	1	HARTING ELEKTRONIK
3	1	STK	PIN INSERT 09 32 046 3009	2521	2139238	1		1	HARTING ELEKTRONIK
4	1	STK	SOCKET HOUSING 09 30 024 0521	0403	1170688	1		1	HARTING ELEKTRONIK
15	1	STK	SENSOR CONTROL FOR CONTACT SENSOR		1539726	0		1	
2	10000	MM	LIYCY 3X0,5/55 SCREENED	501603	955054	1	L	4	WEYDEMEYER GMBH
3	1	STK	BOARD FOR CONTACT SENSOR	09000	749424	6		1	MEGATEC ELECTRONIC
16	1	STK	ACC. WELDING RS5	012984	2530402	0		1	
13	1	STK	CONTROL CABINET CONNECTION 108POL.	012945	2140459	0		1	
1	1	STK	HOUSING BOTTOM 09 30 024 0301	0408	338046	1	L	1	HARTING ELEKTRONIK
2	1	STK	JACK INSERT 09161083101	2008	1170647	1		1	HARTING ELEKTRONIK
3	1	STK	PIN INSERT 09161083001	2007	1170639	1		1	HARTING ELEKTRONIK
4	1	STK	SOCKET HOUSING 09 30 024 0521	0403	1170688	1		1	HARTING ELEKTRONIK

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DELIVERY ON REQUEST

VALIDITY OF QUOTE 6 MONTHS AFTER DATE OF PRINTOUT

S P A R E - P A R T S L I S T

Elektrik

Date : 20.12.99 Page : 4

DESIGNATION SRV6 PLASMA MODUL

DRAWING : COM. 52.588.00

ID-NO. : 2577635

Pos	QTY	ME	DESIGNATION	DRAWING NO.	ID.NO.	TYP	AVA	PE	MANUFACTURE
99	1	STK	WIR.DIAGR. + ACC. 52.588.00	013326	2216507	0		1	
7	1	STK	DC-SUPPLY 039/400V-24VDC/15A	053	1388231	6		1	KOENIG-WOERLE-BEER
10	1	STK	SAFETY RELAIS TIME SRB-NA-R-C16-24V	0903	1766600	6		1	ELAN SCHALTELEMENTE
11	1	STK	SAFETY RELAY SRB-NA-R-C15-24V	0902	1766832	6		1	ELAN SCHALTELEMENTE
21	1	STK	BUS NODE CAN+BDI MBM-C 55900	9301	2140541	6		1	MURRELEKTRONIK GMBH
22	1	STK	F.KL.BLOCK F.MBM08/0,5 55956	9309	2140616	6		1	MURRELEKTRONIK GMBH
23	4	STK	CAN-DIGITAL OUTPUT-TERMINALS 2 KL 2022	9355	2216481	6		1	BECKHOFF GMBH
24	1	STK	DIGITAL OUTPUT MOD. MBMDO 8/0,5	93075	2290098	6		1	MURRELEKTRONIK GMBH
25	1	STK	CONNECTING CABLE CAN-BUS TWIS.P 10POL.		2363218	0		1	
1	1	STK	SUB-D 9POL.BU/INSULATION TERMINAL	1358	2140491	6	L	1	HARTING ELEKTRONIK
2	1	STK	SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	2363671	6	L	1	HARTING ELEKTRONIK
4	4	STK	S-SUB SCREW CLIP 43438-3	0267	1764431	6		1	SCHURICHT GMBH & CO
26	1	STK	GUIDE TERMINAL BLOCK F.MBM-C 55977 (BES-18,0-KB-2)	93015	2363259	6		1	MURRELEKTRONIK GMBH
28	1	STK	CAN-BUS COUPLER BK 5120	9350	2364281	6		1	BECKHOFF GMBH
29	2	STK	CAN-DIGITAL INPUT-TERMINALS 4 KL1104	9352	2364299	6		1	BECKHOFF GMBH
30	2	STK	CAN-ANALOG OUTPUT-TERMINALS 2 KL4032	9358	2364323	6		1	BECKHOFF GMBH
31	1	STK	CAN-BUSENDTERMINALS KL 9010	9362	2364349	6		1	BECKHOFF GMBH

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 DELIVERY ON REQUEST

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STAGE	ID.NO.	ITM	QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2530527			EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N	
1	338046	1		1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 0 0 0	
1	2139220	2		1,000 FB STK JACK INSERT 09 32 046 3109	2522	52 HARTING ELEK	N 0 0 0	
1	356410	3		1,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0	
1	1540393	4		1,000 FB STK CRIMP CONTACTS 2,5 AG 09 33 000 6202	0186	52 HARTING ELEK	N 0 0 0	
1	1627398	5		1,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52 HARTING ELEK	N 0 0 0	
1	1627380	6		1,000 FB STK GUIDE PIN 09 33 000 9908	3102	52 HARTING ELEK	N 0 0 0	
1	338046	11		1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 0 0 0	
1	1170647	12		1,000 FB STK JACK INSERT 09161083101	2008	52 HARTING ELEK	N 0 0 0	
1	1627398	15		1,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52 HARTING ELEK	N 0 0 0	
1	1627380	16		1,000 FB STK GUIDE PIN 09 33 000 9908	3102	52 HARTING ELEK	N 0 0 0	
1	2138602	21		1,000 FB STK REGULATOR 4003	6021	21 I R T SA	J 6 0 0	
1	2139527	22		1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0	
1	2290726	23		1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0	
.2	2140491	1		1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0	
.2	2363671	2		1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0	
.2	956292	3		70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0	
.2	1764431	4		4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0	
1	2140954	26		1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0	
1	2140947	27		1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0	
1	2139022	28		1,000 EF STK MOTOR LINE / SS		90	N 1 0 0	
.2	1675447	1	1.350,000	FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G	N 0 0 0	
.2	356410	2		6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0	
.2	44917	3		5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0	
.2	44933	4		1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0	
1	2139014	29		1,000 EF STK RESOLVER LINE / SS		90	N 1 0 0	
.2	1402388	1	1.850,000	FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0	
.2	1476119	2		1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 6 0 0	
.2	1476135	3		9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 6 0 0	
.2	1476192	4		1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 6 0 0	
.2	1477091	6		11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK	N 6 0 0	
.2	1477117	7		1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52 HARTING ELEK	N 6 0 0	
1	2138610	31		1,000 FB STK REGULATOR 4005	6022	21 I R T SA	J 6 0 0	
1	2139527	32		1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0	
1	2290726	33		1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0	
.2	2140491	1		1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0	
.2	2363671	2		1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0	

STAGE	ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2530527			EF STK	AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N	
.2	956292	3		70,000 FB MM	FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0	
.2	1764431	4		4,000 FB STK	S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0	
1	2140954	36		1,000 FB STK	FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0	
1	2140947	37		1,000 FB STK	JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0	
1	2139022	38		1,000 EF STK	MOTOR LINE / SS		90	N 1 0 0	
.2	1675447	1		1.350,000 FB MM	OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G	N 0 0 0	
.2	356410	2		6,000 FB STK	CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0	
.2	44917	3		5,000 FB STK	MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0	
.2	44933	4		1,000 FB STK	MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0	
1	2139014	39		1,000 EF STK	RESOLVER LINE / SS		90	N 1 0 0	
.2	1402388	1		1.850,000 FB MM	SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0	
.2	1476119	2		1,000 FB STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 6 0 0	
.2	1476135	3		9,000 FB STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 6 0 0	
.2	1476192	4		1,000 FB STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 6 0 0	
.2	1477091	6		11,000 FB STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK	N 6 0 0	
.2	1477117	7		1,000 FB STK	CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52 HARTING ELEK	N 6 0 0	
1	2138602	41		1,000 FB STK	REGULATOR 4003	6021	21 I R T SA	J 6 0 0	
1	2139527	42		1,000 FB STK	BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0	
1	2290726	43		1,000 EF STK	CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0	
.2	2140491	1		1,000 FB STK	SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0	
.2	2363671	2		1,000 FB STK	SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0	
.2	956292	3		70,000 FB MM	FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0	
.2	1764431	4		4,000 FB STK	S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0	
1	2140954	46		1,000 FB STK	FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0	
1	2140947	47		1,000 FB STK	JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0	
1	2139022	48		1,000 EF STK	MOTOR LINE / SS		90	N 1 0 0	
.2	1675447	1		1.350,000 FB MM	OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G	N 0 0 0	
.2	356410	2		6,000 FB STK	CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0	
.2	44917	3		5,000 FB STK	MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0	
.2	44933	4		1,000 FB STK	MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0	
1	2139014	49		1,000 EF STK	RESOLVER LINE / SS		90	N 1 0 0	
.2	1402388	1		1.850,000 FB MM	SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0	
.2	1476119	2		1,000 FB STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 6 0 0	
.2	1476135	3		9,000 FB STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 6 0 0	
.2	1476192	4		1,000 FB STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 6 0 0	
.2	1477091	6		11,000 FB STK	CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK	N 6 0 0	

STAGE	ID.NO.	ITM	QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530527			EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N
.2	1477117	7		1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52 HARTING ELEK	N 6 0 0
1	2138602	51		1,000 FB STK REGULATOR 4003	6021	21 I R T SA	J 6 0 0
1	2139527	52		1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0
1	2290726	53		1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.2	2140491	1		1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0
.2	2363671	2		1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0
.2	956292	3		70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0
.2	1764431	4		4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0
1	2140954	56		1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0
1	2140947	57		1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0
1	2139022	58		1,000 EF STK MOTOR LINE / SS		90	N 1 0 0
.2	1675447	1	1.350,000	FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G	N 0 0 0
.2	356410	2		6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0
.2	44917	3		5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0
.2	44933	4		1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0
1	2139014	59		1,000 EF STK RESOLVER LINE / SS		90	N 1 0 0
.2	1402388	1	1.850,000	FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0
.2	1476119	2		1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 6 0 0
.2	1476135	3		9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 6 0 0
.2	1476192	4		1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 6 0 0
.2	1477091	6		11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK	N 6 0 0
.2	1477117	7		1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52 HARTING ELEK	N 6 0 0
1	2138602	61		1,000 FB STK REGULATOR 4003	6021	21 I R T SA	J 6 0 0
1	2139527	62		1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0
1	2290726	63		1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.2	2140491	1		1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0
.2	2363671	2		1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0
.2	956292	3		70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0
.2	1764431	4		4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0
1	2140954	66		1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0
1	2140947	67		1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0
1	2139022	68		1,000 EF STK MOTOR LINE / SS		90	N 1 0 0
.2	1675447	1	1.350,000	FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G	N 0 0 0
.2	356410	2		6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0
.2	44917	3		5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0
.2	44933	4		1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0
1	2139014	69		1,000 EF STK RESOLVER LINE / SS		90	N 1 0 0
.2	1402388	1	1.850,000	FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0

STAGE	ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2530527				EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92		N N
.2	1476119	2		1,000	FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK	N 6 0 0
.2	1476135	3		9,000	FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR	N 6 0 0
.2	1476192	4		1,000	FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR	N 6 0 0
.2	1477091	6		11,000	FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK	N 6 0 0
.2	1477117	7		1,000	FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52	HARTING ELEK	N 6 0 0
1	2138602	71		1,000	FB STK REGULATOR 4003	6021	21	I R T SA	J 6 0 0
1	2139527	72		1,000	FB STK BAR CLAMPING SK14 3025176	4101	55	PHOENIX CONT	N 0 0 0
1	2363218	73		1,000	EF STK CONNECTING CABLE CAN-BUS TWIS.P 10POL.		92		N 0 0 0
.2	2140491	1		1,000	FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK	N 6 0 0
.2	2363671	2		1,000	FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54	HARTING ELEK	N 6 0 0
.2	2530865	3		1,000,000	FB MM FLAT CABLE PAAR.VERS.10POL. 09 18 010 7006 (1700-10)	700112	56	HARTING ELEK	N 0 0 0
.2	1764431	4		4,000	FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM	N 6 0 0
1	2140954	76		1,000	FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54	WEIDMUELLER	N 0 0 0
1	2140947	77		1,000	FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54	WEIDMUELLER	N 0 0 0
1	2139022	78		1,000	EF STK MOTOR LINE / SS		90		N 1 0 0
.2	1675447	1		1,350,000	FB MM OELFLEX-110 CY 5X1,0	101205	56	WEYDEMEYER	G N 0 0 0
.2	356410	2		6,000	FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52	HARTING ELEK	N 0 0 0
.2	44917	3		5,000	FB STK MULTICORE CABLE END 4097.0	0306	58	WEIDMUELLER	N 0 0 0
.2	44933	4		1,000	FB STK MULTICORE CABLE END 4631.0	0307	58	WEIDMUELLER	N 0 0 0
1	2139014	79		1,000	EF STK RESOLVER LINE / SS		90		N 1 0 0
.2	1402388	1		1,850,000	FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56	ELOCAB SONDE	N 0 0 0
.2	1476119	2		1,000	FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK	N 6 0 0
.2	1476135	3		9,000	FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR	N 6 0 0
.2	1476192	4		1,000	FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR	N 6 0 0
.2	1477091	6		11,000	FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK	N 6 0 0
.2	1477117	7		1,000	FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52	HARTING ELEK	N 6 0 0
1	2140533	81		1,000	EF STK FINAL RESISTOR XR120 CAN-BUS		92		N 0 0 0
.2	2140491	1		1,000	FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK	N 1 0 0
.2	2140525	2		2,000	FB STK RESISTOR MS 1200HM/0,4W 331-946	3101	68	FARNELL ELEC	N 1 0 0
.2	1764431	3		2,000	FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM	N 1 0 0

STAGE	ID.NO.	ITM	QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530519			EF STK AXIS 1-6 RV6/16/6L MACHINE RS5	012984	92	N N
1	338046	1		1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 0 0 0
1	2139238	2		1,000 FB STK PIN INSERT 09 32 046 3009	2521	52 HARTING ELEK	N 0 0 0
1	338046	11		1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 0 0 0
1	1170639	12		1,000 FB STK PIN INSERT 09161083001	2007	52 HARTING ELEK	N 0 0 0
1	1627380	21		4,000 FB STK GUIDE PIN 09 33 000 9908	3102	52 HARTING ELEK	N 0 0 0
1	1627398	22		4,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52 HARTING ELEK	N 0 0 0
1	2363069	31		1,000 EF STK SERVO LINE AXIS 1 RV6/6L/16 MACHINE RS5		92	N 0 0 0
.2	2139568	1	2.500,000	FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000	FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000	FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6	4,000	FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7	1,000	FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000	FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10	7,000	FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11	8,000	FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12	1,000	FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13	3,000	FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363077	41		1,000 EF STK SERVO LINE AXIS 2 RV6/6L/16 MACHINE RS5		92	N 0 0 0
.2	2139568	1	2.850,000	FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000	FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000	FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6	4,000	FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7	1,000	FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000	FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10	7,000	FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11	8,000	FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12	1,000	FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13	3,000	FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363085	51		1,000 EF STK SERVO LINE AXIS 3 RV6/6L/16 MACHINE RS5		92	N 0 0 0
.2	2139568	1	3.050,000	FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000	FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000	FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6	4,000	FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7	1,000	FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000	FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10	7,000	FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11	8,000	FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12	1,000	FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13	3,000	FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363093	61		1,000 EF STK SERVO LINE AXIS 4 RV6/6L/16 MACHINE RS5		92	N 0 0 0

STAGE	ID.NO.	ITM	QTY	HA	ME	PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2530519			EF	STK	AXIS	1-6 RV6/16/6L MACHINE RS5	012984	92	N	N
.2	2139568	1	3.650,000	FB	MM	SERVO	LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56	ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000	FB	MM	HEAT-SHRINKING-SLEEVE	PLG 375-0-E	0907	57	BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000	FB	STK	PLUG	FSTA134NN00080001000	1010	54	INTERCONTEC	N 0 0 0
.2	2139600	6	4,000	FB	STK	CONTACT	JACK 2,0 760AB003211X	1011	54	INTERCONTEC	N 0 0 0
.2	2139972	7	1,000	FB	STK	IDENTIF.	LABEL KSK 11X09 86421034	1015	54	MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000	FB	STK	CONTACT	JACK 1,0 760AB001211X	1012	54	INTERCONTEC	N 0 0 0
.2	1540401	10	7,000	FB	STK	CRIMP	CONTACTS 0,5 AG 09 33 000 6121	0179	52	HARTING ELEK	N 0 0 0
.2	1477208	11	8,000	FB	STK	CRIMP	CONTACTS 0,14AU	2021	52	HARTING ELEK	N 0 0 0
							ST.09150006124				
.2	1477190	12	1,000	FB	STK	CRIMP	CONTACTS 0,75AU	2025	52	HARTING ELEK	N 0 0 0
							ST.09150006122				
.2	1477216	13	3,000	FB	STK	CRIMP	CONTACTS 1,5 AU	2027	52	HARTING ELEK	N 0 0 0
							ST.09150006121				
1	2363101	71	1,000	EF	STK	SERVO	LINE AXIS 5 RV6/6L/16		92		N 0 0 0
							MACHINE RS5				
.2	2139568	1	5.600,000	FB	MM	SERVO	LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56	ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000	FB	MM	HEAT-SHRINKING-SLEEVE	PLG 375-0-E	0907	57	BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000	FB	STK	PLUG	FSTA134NN00080001000	1010	54	INTERCONTEC	N 0 0 0
.2	2139600	6	4,000	FB	STK	CONTACT	JACK 2,0 760AB003211X	1011	54	INTERCONTEC	N 0 0 0
.2	2139972	7	1,000	FB	STK	IDENTIF.	LABEL KSK 11X09 86421034	1015	54	MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000	FB	STK	CONTACT	JACK 1,0 760AB001211X	1012	54	INTERCONTEC	N 0 0 0
.2	1540401	10	7,000	FB	STK	CRIMP	CONTACTS 0,5 AG 09 33 000 6121	0179	52	HARTING ELEK	N 0 0 0
.2	1477208	11	8,000	FB	STK	CRIMP	CONTACTS 0,14AU	2021	52	HARTING ELEK	N 0 0 0
							ST.09150006124				
.2	1477190	12	1,000	FB	STK	CRIMP	CONTACTS 0,75AU	2025	52	HARTING ELEK	N 0 0 0
							ST.09150006122				
.2	1477216	13	3,000	FB	STK	CRIMP	CONTACTS 1,5 AU	2027	52	HARTING ELEK	N 0 0 0
							ST.09150006121				
1	2363119	81	1,000	EF	STK	SERVO	LINE AXIS 6 RV6/6L/16		92		N 0 0 0
							MACHINE RS5				
.2	2139568	1	5.750,000	FB	MM	SERVO	LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56	ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000	FB	MM	HEAT-SHRINKING-SLEEVE	PLG 375-0-E	0907	57	BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000	FB	STK	PLUG	FSTA134NN00080001000	1010	54	INTERCONTEC	N 0 0 0
.2	2139600	6	4,000	FB	STK	CONTACT	JACK 2,0 760AB003211X	1011	54	INTERCONTEC	N 0 0 0
.2	2139972	7	1,000	FB	STK	IDENTIF.	LABEL KSK 11X09 86421034	1015	54	MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000	FB	STK	CONTACT	JACK 1,0 760AB001211X	1012	54	INTERCONTEC	N 0 0 0
.2	1540401	10	7,000	FB	STK	CRIMP	CONTACTS 0,5 AG 09 33 000 6121	0179	52	HARTING ELEK	N 0 0 0
.2	1477208	11	8,000	FB	STK	CRIMP	CONTACTS 0,14AU	2021	52	HARTING ELEK	N 0 0 0
							ST.09150006124				
.2	1477190	12	1,000	FB	STK	CRIMP	CONTACTS 0,75AU	2025	52	HARTING ELEK	N 0 0 0
							ST.09150006122				
.2	1477216	13	3,000	FB	STK	CRIMP	CONTACTS 1,5 AU	2027	52	HARTING ELEK	N 0 0 0
							ST.09150006121				

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilpaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- End of List -----

STAGE	ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2530501				EF STK SUPPLY LINE 6 AXES RS5	012984	92	N	N
1	2530436	1			1,000 EF STK SUPPLY LINE RESOLVER 1-6 RS5	012984	92	N	0 0 0
.2	1170688	1			2,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52	HARTING ELEK	N 0 0 0
.2	1170639	2			1,000 FB STK PIN INSERT 09161083001	2007	52	HARTING ELEK	N 0 0 0
.2	1170647	3			1,000 FB STK JACK INSERT 09161083101	2008	52	HARTING ELEK	N 0 0 0
.2	1171637	510.000,000			FB MM LIYCY-CY 24X2X0,25/28	506424	56	WEYDEMEYER G	N 0 0 0
.2	1477208	6			66,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52	HARTING ELEK	N 0 0 0
.2	1477091	7			66,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK	N 0 0 0
.2	1477190	8			6,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52	HARTING ELEK	N 0 0 0
.2	1477109	9			6,000 FB STK CRIMP CONTACTS 0,75AU BU.09150006222	2026	52	HARTING ELEK	N 0 0 0
.2	1391581	10			1.000,000 FB MM HEAT-SHRINKABLE SLEEVE PLG 125-0-E	0904	57	BRAUN GMBH &	N 0 0 0
.2	23812	11			2,000 FB STK BOLTINGS ZEV PG 29 NO. 2027	0028 ER.1475608	59	WEYDEMEYER G	N 0 0 0
.2	1538942	12			2,000 FB STK PLUG-IN BOARD ESK/LP-BW 1003459		75	PHOENIX CONT	N 0 0 0
.2	939272	13			2,000 FB STK CABLE MARKER KMK2 NO.1005266		75	PHOENIX CONT	N 0 0 0
.2	28357	14			2,000 FB STK CABLE TIE TY-25M 186 LG	0509	58	WEYDEMEYER G	N 0 0 0
.2	1627380	15			4,000 FB STK GUIDE PIN 09 33 000 9908	3102	52	HARTING ELEK	N 0 0 0
.2	1627398	16			4,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52	HARTING ELEK	N 0 0 0
.2	1475640	17			2,000 FB STK UNI INSERT SEALING PG29 NE155/20BN	00878	59	PFLITSCH & C	N 0 0 0
1	2530493	2			1,000 EF STK SUPPLY LINE MOTOR 1-6 RS5	012984	92	N	0 0 0
.2	1170688	1			2,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52	HARTING ELEK	N 0 0 0
.2	2139220	2			1,000 FB STK JACK INSERT 09 32 046 3109	2522	52	HARTING ELEK	N 0 0 0
.2	2139238	3			1,000 FB STK PIN INSERT 09 32 046 3009	2521	52	HARTING ELEK	N 0 0 0
.2	1540484	4			42,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6105	0181	52	HARTING ELEK	N 0 0 0
.2	356410	5			42,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52	HARTING ELEK	N 0 0 0
.2	1476903	810.000,000			FB MM OELFLEX-110 CY(41X1,0) 0035541	101241	56	WEYDEMEYER G	N 0 0 0
.2	1537860	9			1.000,000 FB MM HEAT-SHRINKABLE SLEEVE GN/GE 900-048	0927	57	PB ELEKTRO	N 0 0 0
.2	1391581	10			1.000,000 FB MM HEAT-SHRINKABLE SLEEVE PLG 125-0-E	0904	57	BRAUN GMBH &	N 0 0 0
.2	23812	11			2,000 FB STK BOLTINGS ZEV PG 29 NO. 2027	0028 ER.1475608	59	WEYDEMEYER G	N 0 0 0
.2	28340	12			2,000 FB STK CABLE TIE TY-24 M 140 LG	0505	58	WEYDEMEYER G	N 0 0 0
.2	27870	13			2,000 FB STK CABLE SHOES BA 14 M 53	0014	58	HIRSCH HERBE	N 0 0 0
.2	1627380	14			4,000 FB STK GUIDE PIN 09 33 000 9908	3102	52	HARTING ELEK	N 0 0 0
.2	1627398	15			4,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52	HARTING ELEK	N 0 0 0
.2	1538942	16			2,000 FB STK PLUG-IN BOARD ESK/LP-BW 1003459		75	PHOENIX CONT	N 0 0 0
.2	939272	17			2,000 FB STK CABLE MARKER KMK2 NO.1005266		75	PHOENIX CONT	N 0 0 0

STAGE	ID.NO.	ITM	QTY	HA	ME	PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2138966			EF	STK	CONTROL	CABINET WIRING MAT.RSV	012729	92	N	N
1	893	150.000,000	FB MM	NYAF	4	BLACK		0141	56 WEYDEMEYER	G	N 0 0 0
1	976	520.000,000	FB MM	NYAF	1,5	BLACK		0121	56 MAINLAND GMB	N	0 0 0
1	943	610.000,000	FB MM	NYAF	2,5	BLUE		0132	56 MAINLAND GMB	N	0 0 0
1	901	7 5.000,000	FB MM	NYAF	2,5	YELLOW-GREEN		0130	56 MAINLAND GMB	N	0 0 0
1	976	10 100,000	FB M	NYAF	1,5	BLACK		0121	56 MAINLAND GMB	N	0 0 0
1	992	11 100,000	FB M	NYAF	1,5	BLUE		0122	56 MAINLAND GMB	N	0 0 0
1	1032	16 200,000	FB M	NYAF	1	BLUE		0112	56 MAINLAND GMB	N	0 0 0
1	1032	17 100,000	FB M	NYAF	1	BLUE		0112	56 MAINLAND GMB	N	0 0 0
1	107029	1950.000,000	FB MM	NYAF	1	ORANGE		0117	56 WEYDEMEYER	G	N 0 0 0
1	104927	30 20,000	FB STK	MULTICORE	CABLE	END H 4,0 /16		0313	58 WEIDMUELLER	N	0 0 0
1	99309	31 20,000	FB STK	MULTICORE	CABLE	END		0310	58 WEIDMUELLER	N	0 0 0
						4632.0 H2,5/15					
1	44933	32 100,000	FB STK	MULTICORE	CABLE	END 4631.0		0307	58 WEIDMUELLER	N	0 0 0
1	44917	33 300,000	FB STK	MULTICORE	CABLE	END 4097.0		0306	58 WEIDMUELLER	N	0 0 0
1	44925	34 20,000	FB STK	MULTICORE	CABLE	END 4096.0		0304	58 WEIDMUELLER	N	0 0 0
1	1180	40 2.500,000	FB MM	NSHOEU	4X4			100504	56 MAINLAND GMB	N	0 0 0
1	204081	41 3.000,000	FB MM	OELFLEX-110	4X2,5			100404	56 PIRELLI	N	0 0 0
1	695	42 4.000,000	FB MM	OELFLEX	NUMBERED	CABLE		100303	56 PIRELLI	N	0 0 0
						3X1,5 ON REEL					
1	745	4314.000,000	FB MM	OELFLEX	NUMBERED	CABLE 3X0,75		100103	56 SAB SIGNAL-	N	0 0 0
1	99382	45 4.000,000	FB MM	OELFLEX	NUMBERED			100112	56 PIRELLI	N	0 0 0
						CABL. 12X0,75ON REEL					
1	766170	46 1.000,000	FB MM	COLOURED	OILFLEX	CABLE-CY		101404	56 PIRELLI	N	0 0 0
						(4X2,5)C					
1	1764951	60 1,000	EF STK	VENTILATOR	CONNECTION	BAR			92	N	0 0 0
.2	745	2 2.620,000	FB MM	OELFLEX	NUMBERED	CABLE 3X0,75		100103	56 SAB SIGNAL-	N	0 0 0
.2	44925	3 6,000	FB STK	MULTICORE	CABLE	END 4096.0		0304	58 WEIDMUELLER	N	0 0 0
1	27870	65 1,000	FB STK	CABLE	SHOES	BA 14 M 53		0014	58 HIRSCH HERBE	N	0 0 0
1	28282	66 5,000	FB STK	CABLE	TIE	TYP-23 M 92 LG		0501	58 WEYDEMEYER	G	N 0 0 0
1	2139105	100 5,000	FB STK	LINE	UP	TERMINAL ZDU 2,5/4AN		1103	55 WEIDMUELLER	N	0 0 0
1	2139113	101 5,000	FB STK	LINE	UP	TERMINAL ZDU 2,5/4AN BL		1113	55 WEIDMUELLER	N	0 0 0
1	2139089	102 2,000	FB STK	LINE-UP	TERMINAL	ZPE 2,5/AN		1123	55 WEIDMUELLER	N	0 0 0
1	2139170	103 2,000	FB STK	BRIDGE	ZQV 2,5/10	160894		1175	55 WEIDMUELLER	N	0 0 0
1	2139162	104 3,000	FB STK	PARTITION	WALL	ZAP/TW3 160880		1163	55 WEIDMUELLER	N	0 0 0
1	2139048	110 4,000	FB STK	LINE-UP	TERMINAL	ZDU 2,5		1101	55 WEIDMUELLER	N	0 0 0
1	2139063	111 4,000	FB STK	LINE-UP	TERMINAL	ZDU 2,5 BL		1111	55 WEIDMUELLER	N	0 0 0
1	2139360	112 6,000	FB STK	GROUNDING	TERMINALS	ZPE 2,5		1121	55 WEIDMUELLER	N	0 0 0
1	2139147	113 1,000	FB STK	PARTITION	WALL	ZAP/TW1		1161	55 WEIDMUELLER	N	0 0 0
1	2139170	114 2,000	FB STK	BRIDGE	ZQV 2,5/10	160894		1175	55 WEIDMUELLER	N	0 0 0
1	2139055	120 4,000	FB STK	LINE-UP	TERMINAL	ZDU 4 163207		1102	55 WEIDMUELLER	N	0 0 0
1	2139071	121 2,000	FB STK	LINE-UP	TERMINAL	ZDU 4 BL 163206		1117	55 WEIDMUELLER	N	0 0 0
1	2139097	122 2,000	FB STK	LINE-UP	TERMINAL	ZPE 4 163208		1127	55 WEIDMUELLER	N	0 0 0
1	2139154	123 2,000	FB STK	PARTITION	WALL	ZAP/TW4 163209		1164	55 WEIDMUELLER	N	0 0 0
1	2139188	124 2,000	FB STK	BRIDGE	ZQV 4/2	160895		1181	55 WEIDMUELLER	N	0 0 0
1	2438002	125 5,000	FB STK	FIXATION	ANGLE	ZEW 954000		0295	55 WEIDMUELLER	N	0 0 0
1	1474346	126 2,000	FB STK	GROUP	DESIGNATION	WGB5		0896	55 WEIDMUELLER	N	0 0 0
						105076					
1	101097	127 1,000	FB STK	SUPPORT	F.TERM.DESIGN.:	SCHT 7		0891	55 WEIDMUELLER	N	0 0 0
1	101105	128 1,000	FB STK	PROTECTIVE	STRIP			0892	55 WEIDMUELLER	N	0 0 0
						TRANSP.STR 7 5153.0					
1	1854208	129 33,000	FB STK	TERMINAL	PLATE	KMR5/10-5 NO.55443			74 MURRELEKTRON	N	0 0 0
1	2427054	130 2,000	FB STK	DEK 5	SPEC. PRINT	049076			55 WEIDMUELLER	N	0 0 0
						ACC.TO UNIT AU 1-6-518762					
1	1538280	131 2,000	FB STK	DESIGNATION	STRIP	DEKAFIX		09191	55 WEIDMUELLER	N	0 0 0
						5GN052276A					

STAGE	ID.NO.	ITM	QTY	HA	ME	PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2138966			EF	STK	CONTROL	CABINET WIRING MAT.RSV	012729	92	N	N
1	1538298	132	2,000	FB	STK	DESIGNATION	STRIP DEKAFIX 5GW052276B	09192	55 WEIDMUELLER	N	0 0 0
1	1538306	133	2,000	FB	STK	DESIGNATION	STRIP DEKAFIX 5GW052276C	09193	55 WEIDMUELLER	N	0 0 0
1	1538314	134	2,000	FB	STK	DESIGNATION	STRIP DEKAFIX 5GW052276D	09194	55 WEIDMUELLER	N	0 0 0

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilpaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

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----- End of List -----

STAGE	ID.NO.	ITM	QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530857			EF STK SAFETY-CONTR. WITH ACC.	013020	92	N N
1	2128884	1		1,000 FB STK RS V - SAFETY-CONTROLLER		92	ELAN SCHALTE N 0 0 0
1	2363606	2		1,000 FB STK PLUG CONNECTION FK-MSTBP1,5/3-ST-5,08	1681	54	PHOENIX CONT N 0 0 0
1	2363614	3		2,000 FB STK PLUG CONNECTION FK-MSTBP1,5/6-ST-5,08	1684	54	PHOENIX CONT N 0 0 0
1	2363622	4		1,000 FB STK PLUG CONNECTION FK-MSTBP1,5/10-ST-5,08	1688	54	PHOENIX CONT N 0 0 0
1	2363630	5		2,000 FB STK PLUG CONNECTION FK-MSTBP 1,5/20-ST-5,08	1697	54	PHOENIX CONT N 0 0 0
1	2365395	6		8,000 FB STK CONVERTER FBC	0120	54	WEIDMUELLER N 0 0 0
				AVTHD64STC/XL 163023			
1	956110	7		2,000 FB STK DEPTH STAY 540 MM FOR PS CABINET	0781	4	RITTAL-WERK N 0 0 0
1	2363366	10	1.200,000	FB MM CAN BUS LINE 104207 3X2X0,22 PVC	501623	56	LUETZE FRIED N 0 0 0
1	1476119	11		1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK N 0 0 0
1	1476135	12		3,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR N 0 0 0
1	2363366	13	1.200,000	FB MM CAN BUS LINE 104207 3X2X0,22 PVC	501623	56	LUETZE FRIED N 0 0 0
1	1476192	14		2,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR N 0 0 0
1	956334	15		4,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54	SPOERLE ELEC N 0 0 0
1	1476127	16		1,000 FB STK D-SUBMINIATURE PLUG-IN CONNECTION 9P. BU	0941	54	F C T ELECTR N 0 0 0
1	1476143	17		3,000 FB STK D-SUB CRIMP CONTACTS BU FK20SL	0961	54	F C T ELECTR N 0 0 0
1	2363325	20		1,000 EF STK CONNECTING CABLE SAFETY-CONTR.-PORT.TEACH.PEND. JACK 26POL.		92	N 0 0 0
.2	1539833	1		1,000 FB STK D-SUB 25POL.TERMINAL PIN F 25PK120	0938	54	F C T ELECTR N 0 0 0
.2	1476317	2		1,000 FB STK D-SUB 25POL.JACK IDC F25S15K49	0985	54	F C T ELECTR N 0 0 0
.2	1476333	3	1.400,000	FB MM FLAT CABLE 26 POL. 3365-26	700126	56	SPOERLE ELEC N 0 0 0
.2	1764431	4		2,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 0 0 0
.2	1476556	5		2,000 FB STK LOCKING PART SUB-D 170-20418-2-X	1336	54	HARTING ELEK N 0 0 0

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STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2364778		EF STK RACK 2SLOT/POWER PACK/ACC. RS5		92	N N
1	2141077	1 1,000 FB STK VME-RACK 2SLOT 6HE/16TE 9999111	05006	36 RITTAL-WERK	N 6 0 0
1	745	3 3.000,000 FB MM OELFLEX NUMBERED CABLE 3X0,75	100103	56 SAB SIGNAL-	N 1 0 0
1	44925	4 7,000 FB STK MULTICORE CABLE END 4096,0	0304	58 WEIDMUELLER	N 1 0 0
1	2363879	6 1,000 FB STK CPU-60D/32/CX STAND.	05000	36 FORCE COMPUT	N 1 0 0
1	2365486	7 1,000 EF STK M MODULE CARRIER + M MODULE		90	N 1 0 0
.2	2139923	1 1,000 FB STK M-MODULE MCAN	06005	36 MEGATEC ELEC	N 0 0 0
.2	2364760	2 1,000 FB STK M MODUL SUPPORT WZ-C000	06006	36 WEZA GMBH	N 0 0 0
1	2363317	9 1,000 EF STK CONNECTING CABLE SAFETY-CONTR. M-MODUL TWIS.P. 10POL.		92	N 0 0 0
.2	2363671	2 2,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 6 0 0
.2	2530865	3 1.500,000 FB MM FLAT CABLE PAAR.VERS.10POL. 09 18 010 7006 (1700-10)	700112	56 HARTING ELEK	N 0 0 0
.2	1764431	4 4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 6 0 0
1	2139139	20 1,000 FB STK SAFETY CLAMPING ZSI 2,5	1141	55 WEIDMUELLER	N 0 0 0
1	2139162	21 1,000 FB STK PARTITION WALL ZAP/TW3 160880	1163	55 WEIDMUELLER	N 0 0 0
1	2139766	22 1,000 FB STK PARTITION WALL ZAP TNHE/ZS/2,5	1165	55 WEIDMUELLER	N 0 0 0
1	43968	23 1,000 FB STK FINE WIRE FUSE 2A TR.5X20FST034-3120	0151	7 I-CENTER	N 0 0 0
1	2140129	24 1,000 FB STK POWER CURRENT SUPPLY + AKKU L1006	541	16 CONVERTEC LT	N 0 0 0
1	2364596	30 1,000 FB STK PRESSURE SWITCH 10MM	0700	58 FLEISCHHAUER	N 0 0 0
1	2364638	31 1,000 FB STK ESD-ATTENTION PLATE	400	75 FLEISCHHAUER	N 0 0 0

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STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2364109		EF STK AKKU 12V/3,5AH + ACC.		92	N N
1	1727008 1	1,000 FB STK DRYFIT-AKKU 12V/3,5H 254096-55	521	16 CONRAD ELECT	N 0 0 0
1	1735902 5	2,000 FB STK FIX.SHEET-METAL BUFFER SGB-48	109.0210.4.00	466 REIKU GMBH	N 0 0 0
1	1953695 6	4,000 FB STK SHEET-METAL SCREW SZ 2486.000	1043	4 RITTAL-WERK	N 0 0 0
1	1721696 7	6,000 FB STK THREAD-FORMING SCREW DIN7500C/VZ M4X	20 M4X15	661 BERRANG KARL	N 0 0 0
1	2406801 10	1,000 EF STK SHEET-METAL F. BUFFER 3X135X350	109.0257.3.00-2	409	N 0 0 0
.2	17509 1	480,000 FB CM2 ALU PLATE ALMG3 HH 3X1000X2000	Q03	830 THYSSEN SCHU	N 0 0 0
1	1728329 11	2,000 FB STK FLAT PLUG-IN SLEVE 820/3V 4,8X0,8	0250	58 HIRSCH HERBE	N 0 0 0
1	1728394 12	2,000 FB STK FLAT PLUG-IN SLEEVE 830/3V 4,8X0,8	0251	58 HIRSCH HERBE	N 0 0 0

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STAGE	ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2140442				EF STK DISK-LW / FRONT PLATE / E-BOX /	012945	92		N N
1	2139949	1			1,000 FB STK DISK DRIVE - ADAPTER RSV	06100	36	MEGATEC	ELEC N 0 0 0
1	2139980	5			1,000 FB STK PLUG SPGVERS. DISK DRIVE	5000	54	REICHEL	ELE N 0 0 0
1	1381566	6	1,000,000		FB MM LIYY 30X0,34 NO.0028403	500503	56		N 0 0 0
1	2130047	10			1,000 FB STK DISK DRIVE 3.5" 1.44 MB	MF 355F-3250 MG	39	LION	ELECTRO N 6 0 0
1	2139931	12			1,000 FB STK INTERFACE MOUNTING BOX	0980	4	RITTAL-WERK	N 0 0 0
1	2175760	13			1,000 FB STK FRONT PLATE/-FOIL RSV	109.0241.1.00	-C	34	KUENKLER EGO N 0 0 0
1	2363309	15			1,000 EF STK CONNECTING CABLE RACK-DLW TWIS.P		92		N 0 0 0
.2	2141044	1	1,000,000		FB MM FLAT CABLE VERS.34POL. 09 18 034 7006	700130	56	HARTING	ELEK N 0 0 0
.2	1476507	2			2,000 FB STK POST CONNECTION 34POL. G80D34P3BK	9115	54	HARTING	ELEK N 0 0 0

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STAGE	ID.NO.	ITM	QTY	HA	ME	PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2363713						EF STK CC-MECH./1200/RS5		92		N N
1	2364497	1					1,000 FB STK CONTROL CABINET 1200		92 RITTAL-WERK	N	0 0 0
.2	2362970	1					1,000 FB STK CONTROL CABINET 7761.235 SPEC.	3262	4 RITTAL-WERK	N	0 2 2
.2	1926477	2					1,000 FB STK SIDE WALL DK 7617	3050	4 RITTAL-WERK	N	0 0 2
.2	1742684	3					1,000 FB STK CC 1200 SIDE WALL DK7617 W. FAN	109.0213.3.00	-C 77 RITTAL-WERK	N	0 0 2
.2	1742692	4					1,000 FB STK CC 1200 DOOR WITH FAN	109.0212.3.00	-C 77 RITTAL-WERK	N	0 0 2
.2	2409805	6					1,000 FB STK CONTROL CABINET 1200 MOUNTING PLATE	109.0252.0.00-2	77 RITTAL-WERK	N	0 2 2
1	836189	7					4.000,000 FB MM CABLEDUCT LKG 75050	5021	57 BRAUN GMBH &	N	0 0 0
1	41574	8					1.200,000 FB MM FUSE BAR 35 MM DIN 46277	0000	55 WEIDMUELLER	N	0 0 0
1	1471565	20					1,000 FB STK SYSTEM-CHASSIS PS 4371.000	0565	4 RITTAL-WERK	N	0 0 0
1	791558	21					1,000 FB STK BEARING RAIL PS 4396 VP 2 ST.	0617	4 RITTAL-WERK	N	0 0 0
1	775478	22					3,000 FB STK TRAVERSE OF DOOR 800 MM WIDE PS 4598	0736	4 RITTAL-WERK	N	0 0 0
1	31039	25					2.000,000 FB MM CABLEDUCT LKG 50030	5011	57 MAINLAND GMB	N	0 0 0
1	1285437	26					5,000 FB STK GROUNDING STRIP 4X170 SZ 2564.000	1135	4 RITTAL-WERK	N	0 0 0
1	1476077	27					1,000 FB STK GROUNDING STRIP SZ 2567 4X300	1138	4 RITTAL-WERK	N	0 0 0
1	1476093	28					1,000 FB STK GROUNDING STRIP SZ2565 16X170	1136	4 RITTAL-WERK	N	0 0 0
1	1476051	29					2,000 FB STK GROUNDING STRIP SZ2569 25X300	1140	4 RITTAL-WERK	N	0 0 0
1	23770	35					1,000 FB STK BOLTINGS ZEV PG 11 NO.710	0008	59 WEYDEMEYER G	N	0 0 0
1	23796	36					1,000 FB STK BOLTINGS ZEV PG 16 NO.1015	0019	59 WEYDEMEYER G	N	0 0 0
1	24042	37					1,000 FB STK CHECK NUT PG 16, BRASS	0105	59 PFLITSCH & C	N	0 0 0
1	24026	38					1,000 FB STK CHECK NUT GMS-PG 11	0103	59 PFLITSCH & C	N	0 0 0
1	1538918	39					4,000 FB STK FLAT CABLE SUPPORT FCM3-1-L14/274768		58 SPOERLE ELEC	N	0 0 0
1	1339259	42					4,000 FB STK COVER PLATE(24.PO.DUMMY PLATE)SZ2477	1037	4 RITTAL-WERK	N	0 0 0
1	2139394	50					6,000 FB STK CABLE GUIDE CLAMP DK 7112.000	1170	4 RITTAL-WERK	N	0 0 0
1	2245746	60					1,000 FB STK HEWI HOOK NO.520.50.1	050	750 SCHWING HERM	N	0 0 0
1	1391854	61					1,000 FB STK CABLE SUPPORT TYPE 92 NO.9203	5694	98 REGEL-TECHNI	N	0 0 0
1	2278242	70					1,000 EF STK INSERTION SHEET-METAL 506X630X1	109.0244.3.00-1	-C 409		N 0 0 0
.2	1717660	1					3.190,000 FB CM2 FINE SHEET METAL 1X1500X3000 ST. 12.03	001	829 MARBURG LOUI	N	0 0 0
1	31047	75					1.500,000 FB MM CABLEDUCT LKG 50050	5012	57 MAINLAND GMB	N	0 0 0
1	1284901	90					1,000 FB STK FILTER FAN 220 CBM SK 3152	3152	3 RITTAL-WERK	N	0 0 0
1	1391839	91					1,000 FB STK EXHAUST FILTER SK 3162	3162	3 RITTAL-WERK	N	0 0 0
1	1391847	92					2,000 FB STK FILTER FAN SEALING FRAME SK 3192	3192	3 RITTAL-WERK	N	0 0 0

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilkpaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- End of List -----

STAGE ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S ETK
2140376				EF STK PORT.TEACH PEND. CABLE RSV 7,5 M		92	N N
1	320820	1	1,000	FB STK FLANGE TYPE SOCKET 25P.DBM 25P./PINS	0205	54 SPOERLE ELEC	N 0 0 0
1	1476200	2	1,000	FB STK FULL METAL HOOD 45DEGR.25POL.FMK3	0913	54 F C T ELECTR	N 0 0 0
1	1624577	3	2,000	FB STK KNURLED SCREW FRS1Y5	0988	54 F C T ELECTR	N 0 0 0
1	2140335	5	7,500,000	FB MM PORT.TEACH PEND. LI12YD11 Y 5X(2X0,08)+2X0,35	501620	56 ERNST + ENGB	N 0 0 0
1	1391607	6	90,000	FB MM HEAT-SHRINKABLE-SLEEVE PLG 250-0-E	0906	57 BRAUN GMBH &	N 0 0 0
1	2362897	7	1,000	FB STK TIGHT REDUCING KUS 9/7 5202 5040	0290	59 BRAUN GMBH &	N 0 0 0
1	2140822	8	1,000	FB STK SKINTOP BOLTING BS7 5301 5800	0217	59 BRAUN GMBH &	N 0 0 0
1	1767012	9	1,000	FB STK FLANGE ANGLE PG9 FW9	1001	59 PFLITSCH & C	N 0 0 0
1	2140749	12	1,000	FB STK PLUG CRIMP HOUSING 16POL. 90160-0116	1201	54 SEI JERMYN G	N 0 0 0
1	2140756	13	2,000	FB STK CRIMP CONTACT AWG22-24 AU 90119-2110	1202	54 SEI JERMYN G	N 0 0 0
1	2362954	14	10,000	FB STK CRIMP CONTACTS AWG26-38 AU90119-2121	1203	54 SEI JERMYN G	N 0 0 0
1	1952739	15	1,000	FB STK FLAT PLUG-IN SLEEVE 0,75-1,50 RED		58 HIRSCH HERBE	N 0 0 0
1	1391565	16	50,000	FB MM HEAT-SHRINKABLE-SLEEVE PLG 63-0-E	0902	57 AUTEC VERTRI	N 0 0 0

VT = Verschleisssteil J/N

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----- End of List -----

STAGE	ID.NO.	ITM	QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2363523			EF STK ADDITIONAL AXIS RS5 RDK05		92		N N
1	2531335	1		1,000 EF STK AC AXE / IRT 4005	013019	92		N 0 0 0
.2	2138610	1		1,000 FB STK REGULATOR 4005	6022	21 I R T SA		J 6 0 0
.2	2139527	2		1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT		N 0 0 0
.2	2290726	3		1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92		N 0 0 0
..3	2140491	1		1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK		N 0 0 0
..3	2363671	2		1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK		N 0 0 0
..3	956292	3		70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK		N 0 0 0
..3	1764431	4		4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM		N 0 0 0
.2	2140954	6		1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER		N 0 0 0
.2	2140947	7		1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER		N 0 0 0
.2	2139022	8		1,000 EF STK MOTOR LINE / SS		90		N 1 0 0
..3	1675447	1		1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G		N 0 0 0
..3	356410	2		6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK		N 0 0 0
..3	44917	3		5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER		N 0 0 0
..3	44933	4		1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER		N 0 0 0
.2	2531269	9		1,000 EF STK RESOLVER LINE CC-ADD.	013019	92		N 1 0 0
..3	1402388	1		1.600,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE		N 0 0 0
..3	1476119	2		1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK		N 0 0 0
..3	1476135	3		9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR		N 0 0 0
..3	1476192	4		1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR		N 0 0 0
..3	956334	5		2,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54 SPOERLE ELEC		N 0 0 0
..3	2139816	6		6,000 FB STK CRIMP CONTACT 0,37 AU 09 33 000 6217	0194	52 HARTING ELEK		N 0 0 0
.2	2139840	12		2,000 FB STK DOUBLE TERMINAL ZDK 2,5/1,5 167430	1151	55 WEIDMUELLER		N 0 0 0
.2	2139857	13		2,000 FB STK PARTITION WALL ZAP TW 2,5/1,5 167473	1166	55 WEIDMUELLER		N 0 0 0
.2	2139568	1510		000,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB		N 0 0 0
1	1391615	2		50,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &		N 0 0 0
1	2139584	3		1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC		N 0 0 0
1	2139600	4		4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC		N 0 0 0
1	2139972	5		1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK		N 0 0 0
1	2139592	6		10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC		N 0 0 0
1	2531343	11		1,000 EF STK AC AXIS / IRT 4009	013019	92		N 0 0 0
.2	2138628	1		1,000 FB STK REGULATOR 4009	6023	21 I R T SA		J 6 0 0
.2	2139527	2		1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT		N 0 0 0
.2	2290726	3		1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92		N 0 0 0
..3	2140491	1		1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK		N 0 0 0
..3	2363671	2		1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK		N 0 0 0
..3	956292	3		70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK		N 0 0 0
..3	1764431	4		4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM		N 0 0 0
.2	2140954	6		1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER		N 0 0 0
.2	2140947	7		1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER		N 0 0 0
.2	2139022	8		1,000 EF STK MOTOR LINE / SS		90		N 1 0 0

STAGE	ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2363523				EF STK ADDITIONAL AXIS RS5 RDK05		92		N N
..3	1675447	1	1.350,000	FB MM	OELFLEX-110 CY 5X1,0	101205	56 WEYDEMEYER G	N	0 0 0
..3	356410	2	6,000	FB STK	CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N	0 0 0
..3	44917	3	5,000	FB STK	MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N	0 0 0
..3	44933	4	1,000	FB STK	MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N	0 0 0
.2	2531269	9	1,000	EF STK	RESOLVER LINE CC-ADD.	013019	92		N 1 0 0
..3	1402388	1	1.600,000	FB MM	SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N	0 0 0
..3	1476119	2	1,000	FB STK	D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N	0 0 0
..3	1476135	3	9,000	FB STK	CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N	0 0 0
..3	1476192	4	1,000	FB STK	FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N	0 0 0
..3	956334	5	2,000	FB STK	LOCKING 4-40UNC 250-8501-004	0253	54 SPOERLE ELEC	N	0 0 0
..3	2139816	6	6,000	FB STK	CRIMP CONTACT 0,37 AU 09 33 000 6217	0194	52 HARTING ELEK	N	0 0 0
.2	2139840	12	2,000	FB STK	DOUBLE TERMINAL ZDK 2,5/1,5 167430	1151	55 WEIDMUELLER	N	0 0 0
.2	2139857	13	2,000	FB STK	PARTITION WALL ZAP TW 2,5/1,5 167473	1166	55 WEIDMUELLER	N	0 0 0
.2	2139576	1510.000	000	FB MM	SERVO LINE 2 3X1,0+(1X1,0+2X0,5)+ 2X0,15+3X2X0,15	323214	56 ERNST + ENGB	N	0 0 0
1	1391615	12	50,000	FB MM	HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N	0 0 0
1	2139584	13	1,000	FB STK	PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N	0 0 0
1	2139600	14	4,000	FB STK	CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N	0 0 0
1	2139972	15	1,000	FB STK	IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N	0 0 0
1	2139592	16	10,000	FB STK	CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N	0 0 0
1	2140483	20	1,000	EF STK	CONTROL CABINET CONNECTION 46POL.	012945	92		N 0 0 0
.2	338046	1	1,000	FB STK	HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N	1 0 0
.2	2139220	2	1,000	FB STK	JACK INSERT 09 32 046 3109	2522	52 HARTING ELEK	N	1 0 0
.2	2139238	3	1,000	FB STK	PIN INSERT 09 32 046 3009	2521	52 HARTING ELEK	N	1 0 0
.2	1170688	4	1,000	FB STK	SOCKET HOUSING 09 30 024 0521	0403	52 HARTING ELEK	N	1 0 0
1	2140475	21	1,000	EF STK	MACHINE CONNECTION 46POL.	012945	92		N 0 0 0
.2	1281691	1	1,000	FB STK	SOCKET HOUSING 09 30 024 0271/PG29	0414	52 HARTING ELEK	N	0 0 0
.2	2139220	2	1,000	FB STK	JACK INSERT 09 32 046 3109	2522	52 HARTING ELEK	N	0 0 0
.2	2139238	3	1,000	FB STK	PIN INSERT 09 32 046 3009	2521	52 HARTING ELEK	N	0 0 0
.2	1170688	4	1,000	FB STK	SOCKET HOUSING 09 30 024 0521	0403	52 HARTING ELEK	N	0 0 0
1	749580	50	1.500,000	FB MM	NSLFFOEU 70SW GROUND CABLE	0905	56 MAINLAND GMB	N	0 0 0
1	15800	51	2,000	FB STK	HEXAGON.CAP SCR.DIN933 M10X25 BRASS	56 10X 25	657 SPOHR GEORG	N	0 0 0
1	1178038	52	2,000	FB STK	CABLE SHOE RING M10/70MM	0132	58 KLAUKE GUSTA	N	0 0 0
1	3749	53	2,000	FB STK	NUT DIN 934 M 10 BRASS	22 10	678 GERGEN CAMIL	N	0 0 0
1	887273	54	1,000	FB MM	PROTECTIVE HOSE PISG-36/PG36	0507	57 FRAENKISCHE	N	0 0 0
1	98053	55	1,000	FB STK	PIPE CLAMP RAPR 542 (HRL5KP42PP)	060	155 HYDAC TECHNO	N	0 0 0
1	31153	56	1,000	FB STK	ISO TERMINAL BUSHING PG 29	8006	59 BRAUN GMBH &	N	0 0 0
1	113464	57	1,000	FB STK	QUICK-GL-TERMINAL CLAMP PG 29	0766	57 MAINLAND GMB	N	0 0 0
1	30908	58	1,000	FB MM	STEEL ARMORED PIPE PG 29	0806	57 I-CENTER	N	0 0 0

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2363523		EF STK ADDITIONAL AXIS RS5 RDK05		92	N N
1	6056	59 2,000 FB STK WASHER DIN125 10,5 BRASS	15135	696 GERGEN CAMIL	N 0 0 0
1	52571	60 2,000 FB STK TOOTHED GEAR DIN 6797, VERN. A 10,5	43 10,5	697 SPOHR GEORG	N 0 0 0

VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilpaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- End of List -----

STAGE	ID.NO.	ITM	QTY	HA	ME	PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2141010						EF STK DNC REMOTE CUSTOMER SERVICE ENGLISH		92		N N
1	1538538	2	1,000	EF	STK	FLAT	CABLE PU X2 -- OP.OFFLINE RV6	011200	90		N 0 0 0
.2	956292	2	1.010,000	FB	MM	FLAT	CABLE 9POLES FBK-9	700109	56	HARTING	ELEK N 0 0 0
.2	1476218	3	1,000	FB	STK	D-SUB	9POL.PIN IDC F09P15K49	0981	54	F C T	ELECTR N 0 0 0
.2	956359	4	1,000	FB	STK	PLUG	HOUSING 9POLES DE 121 073-169	0232	54	SPOERLE	ELEC N 0 0 0
.2	956334	5	2,000	FB	STK	LOCKING	4-40UNC 250-8501-004	0253	54	SPOERLE	ELEC N 0 0 0
.2	1476226	6	1,000	FB	STK	D-SUB	9POL.JACK IDC F09S15K49	0983	54	SPOERLE	ELEC N 0 0 0
.2	956334	7	2,000	FB	STK	LOCKING	4-40UNC 250-8501-004	0253	54	SPOERLE	ELEC N 0 0 0
.2	1476556	8	2,000	FB	STK	LOCKING	PART SUB-D 170-20418-2-X	1336	54	HARTING	ELEK N 0 0 0
1	2138958	6	1,000	EF	STK	PERIPHERAL	CABLE DNC RSV 15M	012785	92		N 0 0 0
.2	1476119	1	1,000	FB	STK	D-SUP	9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING	ELEK N 0 0 0
.2	1476192	2	1,000	FB	STK	FULL	METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T	ELECTR N 0 0 0
.2	1476135	3	9,000	FB	STK	CRIMP	CONTACT D-SUB PIN FL20PL	0962	54	F C T	ELECTR N 0 0 0
.2	960120	415.000,000	FB	MM	LIFYCY	6X2X0,2	BG22 W/TOTAL SHIELDI.	504306	56	SAB	SIGNAL- N 0 0 0
.2	1476184	5	1,000	FB	STK	D-SUB	PLUG CONNECT.25P.BU FL25S7K121	0943	54	F C T	ELECTR N 0 0 0
.2	1476200	6	1,000	FB	STK	FULL	METAL HOOD 45DEGR.25POL.FMK3	0913	54	F C T	ELECTR N 0 0 0
.2	1476143	7	9,000	FB	STK	D-SUB	CRIMP CONTACTS BU FK20SL	0961	54	F C T	ELECTR N 0 0 0
1	2216036	7	1,000	FB	STK	PC	ANYWHERE 8.0 WIN95/98	0506	39	LANG HENDRIK	N 0 0 0
1	2138388	8	1,000	FB	STK	INTERFACE	OPERAT. SIGMA 6	0510	39	LANG HENDRIK	N 0 0 0
1	1928002	9	1,000	FB	STK	MODEM	ELSA MICROLINK 33.6 TQV	0500	39	LANG HENDRIK	N 0 0 0
1	1927889	10	1,000	FB	STK	ADAPTER	TAE	0501	39	LANG HENDRIK	N 0 0 0
1	1927764	11	1,000	FB	STK	TELEPHONE	CABLE 15M WITH TAE N-WESTERN	0502	39	LANG HENDRIK	N 0 0 0
1	1173344	20	1,000	FB	STK	RS232-ADAPTER	9POL.BU-25POL.S	0991	54	CONRAD	ELECT N 0 0 0

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STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
1539726		EF STK SENSOR CONTROL FOR		92	N N
1	955054	210.000,000 FB MM LIYCY 3X0,5/55 SCREENED	501603	56 WEYDEMEYER	G N 1 0 0
1	749424	3 1,000 FB STK BOARD FOR CONTACT SENSOR	09000	36 MEGATEC ELEC	N 6 0 0
1	1542308	4 1,000 FB STK PLUG-IN BOARDS SUPPORT	100	38 WEIDMUELLER	N 0 0 0
		SKH231S817480			

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STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2530402		EF STK ACC. WELDING RS5	012984	92	N N
1	1564526 1	4,000 FB STK BASE RING AL=12UH K56/32/18W-K6000	3002	14 KASCHKE	KG G N 0 0 0
1	43901 3	1,000 FB STK FINE WIRE FUSE 250MA T 5X20	0141	7 SCHURTER	GMB N 0 0 0
1	347427 4	9.000,000 FB MM LIFYCY 2X2X0,2/22	504302	56 SAB	SIGNAL- N 0 0 0
1	1285767 5	1,000 FB STK CPC PIN HOUSING 37 PIN 0-0206305-1	1511	53 AMPLIVERSAL	N 0 0 0
1	1285775 6	1,000 FB STK CPC COVER 0-0182652-1	1513	53 AMPLIVERSAL	N 0 0 0
1	1285783 7	18,000 FB STK CPC 3XPIN FOR CPC 0-0163082-1	1512	53 AMPLIVERSAL	N 0 0 0
1	347401 8	9.000,000 FB MM LIFYCY 12X2X0,2/22	504312	56 SAB	SIGNAL- N 0 0 0
1	634444 9	9.000,000 FB MM LIFYCY 24X2X0,2 BG22 W/TOTAL SHIELD	504324	56 WEYDEMEYER	G N 0 0 0
1	749580 10	4.000,000 FB MM NSLFFOEU 70SW GROUND CABLE	0905	56 MAINLAND	GMB N 0 0 0
1	1178020 11	8,000 FB STK CABLE SHOES 70 MM2/M8 0036922	0131	58 KLAUKE	GUSTA N 0 0 0
1	1562124 12	1,000 FB STK UNI INSERT SEAL PG29 155 M2X11	009849	59 WEYDEMEYER	G N 0 0 0
1	2140459 13	1,000 EF STK CONTROL CABINET CONNECTION 108POL.	012945	92	N 0 0 0
.2	338046 1	1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING	ELEK N 1 0 0
.2	1170647 2	1,000 FB STK JACK INSERT 09161083101	2008	52 HARTING	ELEK N 1 0 0
.2	1170639 3	1,000 FB STK PIN INSERT 09161083001	2007	52 HARTING	ELEK N 1 0 0
.2	1170688 4	1,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52 HARTING	ELEK N 1 0 0
1	2139774 15	1,000 FB STK FUSE TERMINALS ZSI 2,5/LD24DC	1142	55 WEIDMUELLER	N 0 0 0
1	2139162 16	1,000 FB STK PARTITION WALL ZAP/TW3 160880	1163	55 WEIDMUELLER	N 0 0 0
1	2139766 17	1,000 FB STK PARTITION WALL ZAP TNHE/ZS/2,5	1165	55 WEIDMUELLER	N 0 0 0
1	2530816 18	2,000 FB STK FLAT PLUG IN SLEEVE 0,75-1,50	252	58 HIRSCH	HERBE N 0 0 0

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STAGE	ID.NO.	ITM	QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2216507			EF STK WIR.DIAGR. + ACC. 52.588.00	013326	90	N N
1	1052498	2	1,000	EF STK ENGR.INFORMATION SIGN -GB- 220X140X1	SKH 686.2	75 KUENKLER EGO	N 0 0 0
.2	1066910	1	310,000	FB CM2 ANODIZED ENGRAVING BOARD 601/01 1000X500MM	506	74 GRAVOGRAPH G	N 0 0 2
1	1223172	3	4,000	FB STK CONTACT LP1 D09 10BD	320	10 SCHNEIDER EL	N 0 0 0
1	133686	4	1,000	FB STK LUMINOUS KEY BLUE ZB2-BW36	3295	28 SCHNEIDER EL	N 0 0 0
1	1387423	5	1,000	FB STK MOTOR PROTECTION GV1-M05 0,63-1A	005	8 SCHNEIDER EL	N 0 0 0
1	1387597	6	1,000	FB STK COLLECTING BAR - SYSTEM GV1-G08	042	8 SCHNEIDER EL	N 0 0 0
1	1388231	7	1,000	FB STK DC-SUPPLY 039/400V-24VDC/15A	053	16 KOENIG-WOERL	N 6 0 0
1	1408898	8	1,000	FB STK UNIVERSAL-ID.PLATE 350.9801.400 -C	0502	75 KUENKLER EGO	N 0 0 0
1	1626770	9	1,000	FB STK RELAY COUPLER 1S RMM 11/24 51851	0261	11 MURRELEKTRON	N 0 0 0
1	1766600	10	1,000	FB STK SAFETY RELAIS TIME SRB-NA-R-C16-24V	0903	13 ELAN SCHALTE	N 6 0 0
1	1766832	11	1,000	FB STK SAFETY RELAY SRB-NA-R-C15-24V	0902	13 ELAN SCHALTE	N 6 0 0
1	1766857	12	1,000	FB STK POWER LINE FILTER 7A FN258- 7-07	0913	14 SCHAFFNER EL	N 0 0 0
1	1851642	13	1,000	FB STK MSS 24VDC 0 891 321	0074	65 FRANZ J. ING	N 0 0 0
1	1851659	14	1,000	FB STK MOUNTING FRAME 2 405 218	0157	65 FRANZ J. ING	N 0 0 0
1	1851816	15	2,000	FB STK BULP 28V DL1-CE028	3468	28 BRAUN GMBH &	N 0 0 0
1	1926139	16	1,000	FB STK MOT.PROTECT. SW.GV2-RT10	0091	8 SCHNEIDER EL	N 0 0 0
1	2139105	17	6,000	FB STK LINE UP TERMINAL ZDU 2,5/4AN	1103	55 WEIDMUELLER	N 0 0 0
1	2139113	18	2,000	FB STK LINE UP TERMINAL ZDU 2,5/4AN BL	1113	55 WEIDMUELLER	N 0 0 0
1	2139162	19	4,000	FB STK PARTITION WALL ZAP/TW3 160880	1163	55 WEIDMUELLER	N 0 0 0
1	2140079	20	1,000	FB STK BUS HOUSING, PAINTED BG1558.210	736	2 RITTAL-WERK	N 0 0 0
1	2140541	21	1,000	FB STK BUS NODE CAN+8DI MBM-C 55900	9301	35 MURRELEKTRON	N 6 0 0
1	2140616	22	1,000	FB STK F.KL.BLOCK F.MBM08/0,5 55956	9309	35 MURRELEKTRON	N 6 0 0
1	2216481	23	4,000	FB STK CAN-DIGITAL OUTPUT-TERMINALS 2 KL 2022	9355	35 BECKHOFF GMB	N 6 0 0
1	2290098	24	1,000	FB STK DIGITAL OUTPUT MOD. MBMD 8/0,5	93075	35 MURRELEKTRON	N 6 0 0
1	2363218	25	1,000	EF STK CONNECTING CABLE CAN-BUS TWIS.P 10POL.		92	N 0 0 0
.2	2140491	1	1,000	FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 6 0 0
.2	2363671	2	1,000	FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 6 0 0
.2	2530865	3	1.000,000	FB MM FLAT CABLE PAAR.VERS.10POL. 09 18 010 7006 (1700-10)	700112	56 HARTING ELEK	N 0 0 0
.2	1764431	4	4,000	FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 6 0 0
1	2363259	26	1,000	FB STK GUIDE TERMINAL BLOCK F.MBM-C 55977 (BES-18,0-KB-2)	93015	35 MURRELEKTRON	N 6 0 0
1	2363366	27	10.000,000	FB MM CAN BUS LINE 104207 3X2X0,22 PVC	501623	56 LUTZE FRIED	N 0 0 0
1	2364281	28	1,000	FB STK CAN-BUS COUPLER BK 5120	9350	35 BECKHOFF GMB	N 6 0 0
1	2364299	29	2,000	FB STK CAN-DIGITAL INPUT-TERMINALS 4 KL1104	9352	35 BECKHOFF GMB	N 6 0 0
1	2364323	30	2,000	FB STK CAN-ANALOG OUTPUT-TERMINALS 2 KL4032	9358	35 BECKHOFF GMB	N 6 0 0
1	2364349	31	1,000	FB STK CAN-BUSENTERMINALS KL 9010	9362	35 BECKHOFF GMB	N 6 0 0
1	2530477	32	1,000	FB STK CAN SUBD PLUG 103668	9331	35 R.E.D.HANDEL	N 0 0 0
1	26484	33	1,000	FB STK PILOT LAMP ZB2-BV04 RED	3236	28 SCHNEIDER EL	N 0 0 0
1	26518	34	1,000	FB STK PILOT LAMP BOTTOM ZB2-BV6 W/O TRANSF	3221	28 SCHNEIDER EL	N 0 0 0
1	26542	35	1,000	FB STK LUMINOUS KEY BOTTOM ZB2-BW0651 O.TOS	3255	28 SCHNEIDER EL	N 0 0 0
1	31971	36	1,000	FB STK MAIN SWITCH KG32 C11740E	4010	5 DEUTSCHE SOL	N 0 0 0
1	436030	37	2,000	FB STK AUTOMATIC CUT-OUT:1P.4A 5SX2-104-7	6137	7 SIEMENS	N 0 0 0

STAGE	ID.NO.	ITM	QTY	HA ME PE	DISIGNATION	DRAWING	GROUP	VT-S	ETK
	2216507				EF STK WIR.DIAGR. + ACC. 52.588.00	013326	90	N	N
1	443598	38	2,000	FB STK	ANODIZED PLATES W/BORINGS 22,5		74 KUENKLER EGO	N	0 0 0
1	635904	39	1,000	FB STK	AUTOMATIC CUT-OUT:1POL.6A 5SX2 106-7	6138	7 SIEMENS	N	0 0 0
1	740324	40	10,000	FB MM	OELFLEX-110 CY 7X1,5	101307	56 MAINLAND GMB	N	0 0 0
1	743203	41	6,000	FB STK	SPARK QUENCHING ELEMENT LA9-D9984	0475	14 LUETZE FRIED	N	0 0 0
1	809731	42	1,000	FB STK	AUTOMATIC CUT-OUT:1P.10A 5SX2 110-7	6140	7 SIEMENS	N	0 0 0
1	91405	43	2,000	FB STK	AUXILIARY SWITCH BLOCK LA1 DN22	368 LA1-D22A65	10 SCHNEIDER EL	N	0 0 0
1	934737	44	4,000	FB STK	AUXILIARY SWITCH BLOCK LA1 DN31	369 LA1-D31A65	10 SCHNEIDER EL	N	0 0 0
1	99572	45	2,000	FB STK	CONTACT LP1 D12 10BD	322 LP1-D123-B	10 SCHNEIDER EL	N	0 0 0

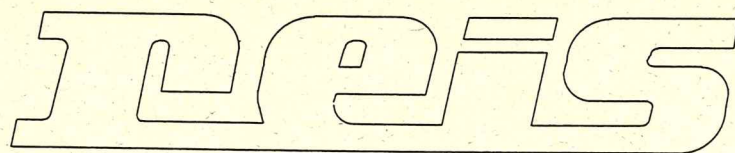
VT = Verschleisssteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilpaket

T = Teilstammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingepant

----- End of List -----



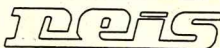
CUSTOMER : FA. PLASMA MODULS OY

TYPE : SRV6

COM. NR. : 52.588.00

MACH. ID. : 2577635

CIRCUIT DIAGRAM NR. : 013326

		Datum : 19. Aug. 1999	Anlage:	SRV6 ROBOT-STAR V		Titel:	COVER SHEET			Zeichn.-Nr.:	013326	Com.-Nr.:	52.588.00	
		A. Dat. : 18. Aug. 1999												
		Bearb. : B. JACOBI												
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS			Firma:	PLASMA MODULS OY		B1.	1	
													50 B1.	

INDEX

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2	Inhaltsverzeichnis	13A	VOLTAGE SUPPLY POWER SOURCE
3.1	GENERAL INFORMATION	13B	CAN-BUS-MODULES POWER SOURCE
3.2	COMPLEMENT RACK	13C	CAN-BUS-MODULES POWER SOURCE
3.3	SIDE WALL	13D	COUPLING RELAYS
4.1	POWER SUPPLY	15.1	CONTACT SENSOR
4.2	VOLTAGE SUPPLY	20.1	PLASMA MODULES OY ION POWER SOURCE
4.3	VOTAGE SUPPLY 24VDC	35	PARTS LIST
4.4	VOLTAGE DISTRIBUTION 230VAC	36	PARTS LIST
5.1	DRIVES ON/SAFETY GRID/ EMERGENCY-OFF	37	PARTS LIST
5.2	MAINTENANCE DOOR	38	PARTS LIST
5A	UNITS ADDITIONAL AXES	46.1	CABLE LAYOUT
6	SAFETY-CONTROLLER LAYOUT	47.1	CABLE LAYOUT CAN-BUS
6.1	SAFETY-CONTROLLER	48	TABLE OF THE TERMINAL STRIPS
6.2	SAFETY-CONTROLLER	48.1	TABLE OF THE TERMINAL STRIPS
6.3	SAFETY-CONTROLLER	49	SAFTY SWITCH UNIT .C16
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7.2	MOTOR AXIS 4-6		
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9.1	PORTABLE TEACH PENDANT		
9.2	INTERFACE DISC DRIVE		
9.3	DNC INTERFACE		
10	OPERATING PANEL INTERNAL/EXTERNAL		
12.1	CAN-BUS KEY PLAN MODULES IN CONTROL CABINET		
12.2	CAN-BUS KEY PLAN POWER SOURCE		
12.3	CAN-BUS KEY PLAN POWER SOURCE		
13.1	CAN-MODULE CONTR. CABINET BYTE ER 1		

Datum : 19. Aug. 1999		Anlage: SRV6 ROBOT-STAR V		Titel: TABLE OF CONTENTS		Zeichn.-Nr.: 013326		Com.-Nr.: 52.588.00			
A. Dat.: 19. Aug. 1999											
Bearb.: B. JACOBI											
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		Firma: PLASMA MODULS OY		Bl. 2 50 Bl.	

POWER SUPPLY SYSTEM : 3/PE/N
 GENERAL CONTROL VOLTAGES : 400/230V 50Hz +/- 5%/10%
 : 25 A SLOW
 CURRENT APPROX. : 16 A
 POWER CONSUMPTION : 3 kva
 MAIN SWITCH : 32 A

CUSTOMER PRESCRIPTIONS:

☒ NO ☐ YES 1. _____
 2. _____
 3. _____
 4. _____
 5. _____

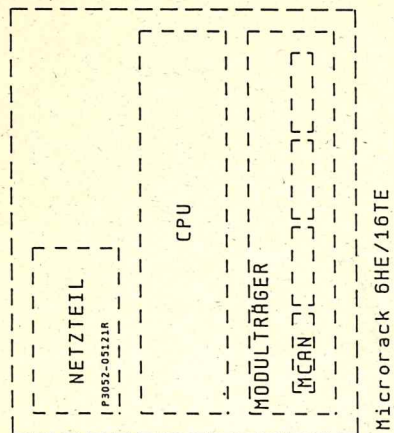
CONTROL CABINET:

CONTROL CABINET 1200
 IDENTIFICATION PLATE
 SAFETY REMARK english
 PH6-FOLIE PLASMA CUTTING

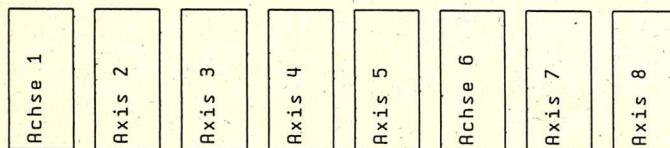
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		A. Dat. : 18. Aug. 1999		SRV6 ROBOT-STAR V		GENERAL INFORMATION		013326		52.588.00	
		Bearb. : B. JACOBI									
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		Firma:		PLASMA MODULS OY	
										Bl. 3.1 50 Bl.	

REIS

Loading: Robot-star V



Regulator arrangement RV6/RV6L/RV16
Regulator arrangement RL6/RL16/RL26/RL80



Änderung	Name	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: COMPLEMENT RACK	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	Bl. 3.2 50 Bl.
		A. Dat. : 19. Aug. 1999					
		Bearb. : B. JACOBI					
		Gepr. :	Urspr. :	Ers. f. :	Ers. d. :	Firma: PLASMA MODULS OY	

REIS
REIS ROBOTICS

IDENTIFICATION
PLATE

DISCONNECT-
SWITCH

POWER SOURCE

X105

MOTORS
AXIS 1-6

X101

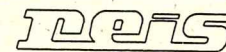
RESOLVER
AXIS 1-6

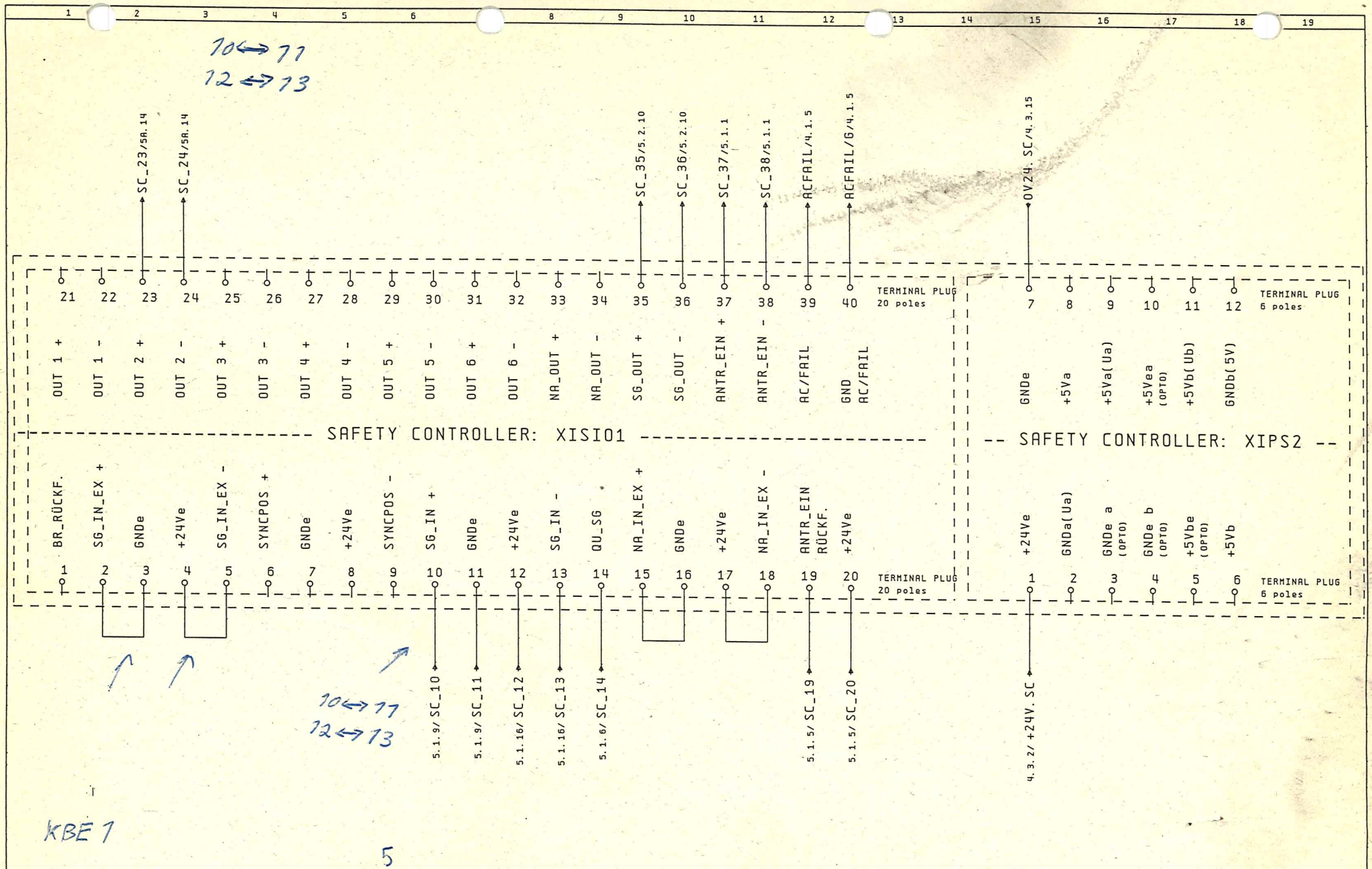
X102

- ☐ PG16
OPTIONS
- ☐ PG16
PE
- ☐ PG29
POWER SUPPLY

BELOW

		Datum : 19. Aug. 1999	Anlage:	Titel:		Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat. : 18. Aug. 1999	SRV6 ROBOT-STAR V	SIDE WALL		013326	52.588.00	
		Bearb. : B. JACOBI						
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:	PLASMA MODULS OY	B1. 3.3 50 B1.
						REIS ROBOTICS		

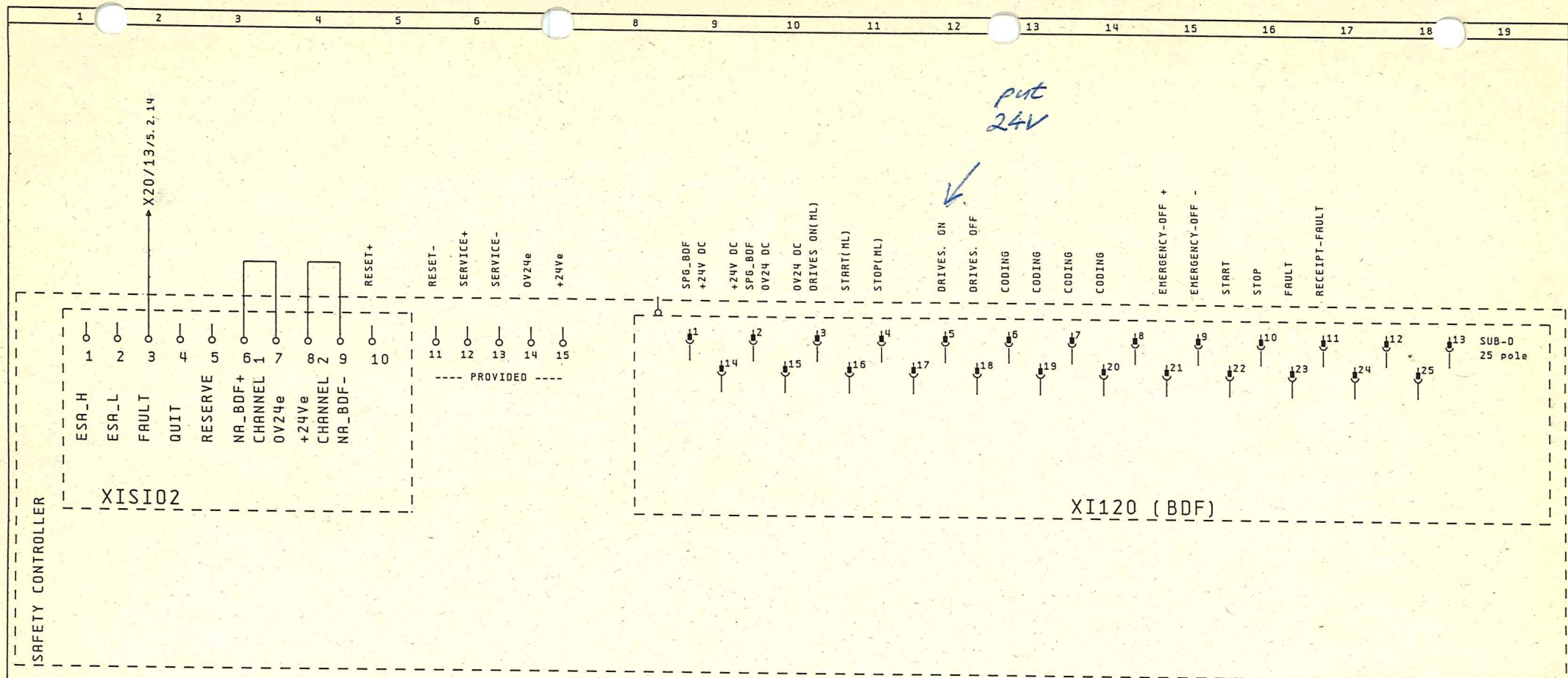




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		A. Dat. : 19. Aug. 1999	SRV6 ROBOT-STAR V	SAFETY-CONTROLLER	013326	52.588.00	
		Bearb.: B. JACOBI					
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:	B1. 6.1
						PLASMA MODULS OY	50 B1.

REIS

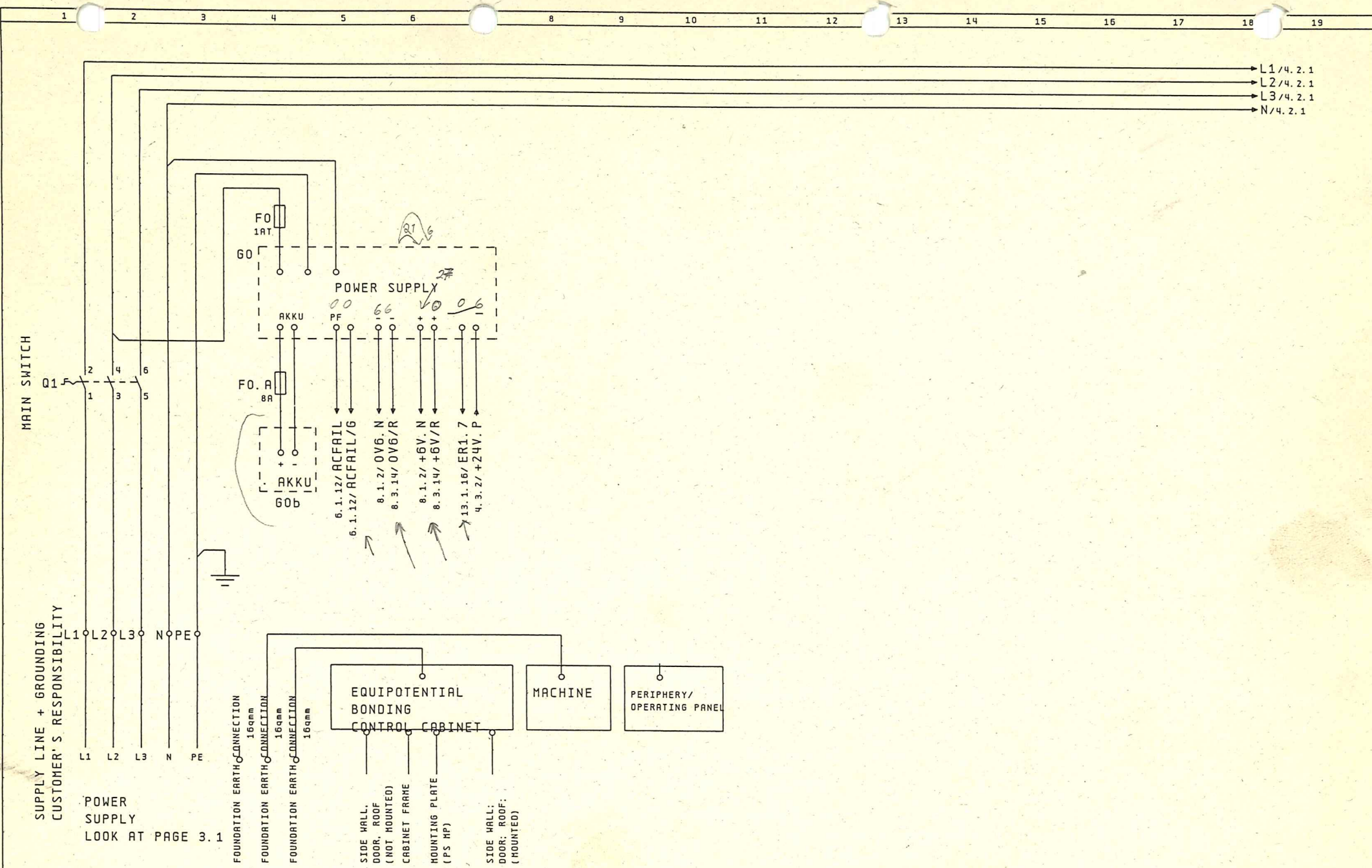
REIS ROBOTICS




		Datum : 19. Aug. 1999	Anlage:	Titel:	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat. : 19. Aug. 1999	SRV6 ROBOT-STAR V	SAFETY-CONTROLLER	013326	52.588.00	
		Bearb. : B. JACOBI					
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:	
						PLASMA MODULS OY	B1. 6.2 50 B1.

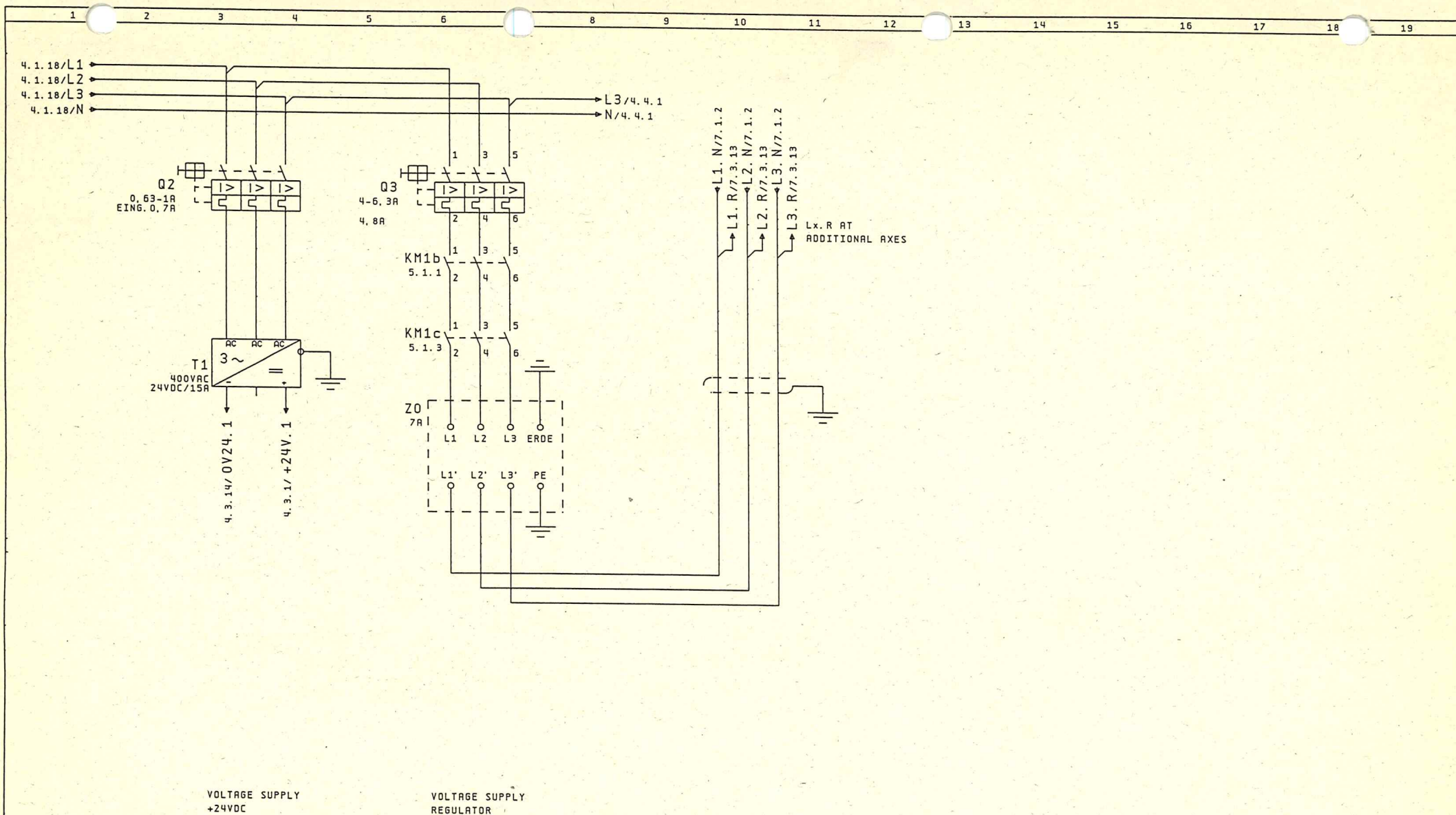
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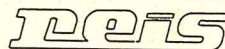
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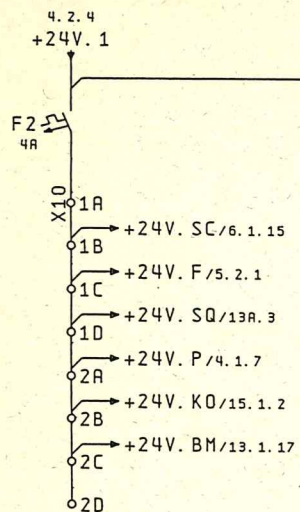


→ L1/4.2.1
→ L2/4.2.1
→ L3/4.2.1
→ N/4.2.1

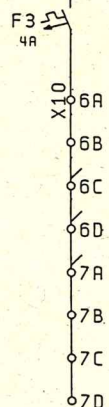
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		A. Dat.: 18. Aug. 1999							Firma: PLASMA MODULS OY		Bl. 4.1	
		Bearb.: B. JACOBI									50 Bl.	
Anderung	Name	Gepr. :	Urspr. :	Ers. f. :	Ers. d. :	REIS ROBOTICS						



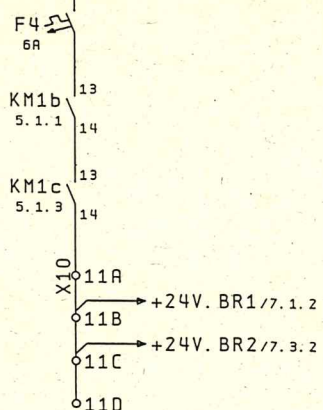
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		A. Dat. : 18. Aug. 1999							
		Bearb. : B. JACOBI							
Anderung	Name	Gepr. :	Urspr. :	Ers. f. :	Ers. d. :		Firma: PLASMA MODULS OY		Bl. 4.2 50 Bl.



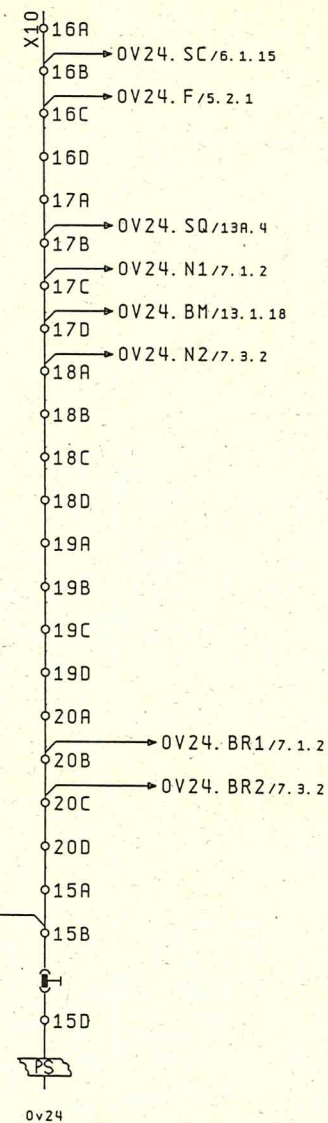
+24V
CONTROL CABINET



+24V
PERIPHERY

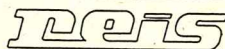


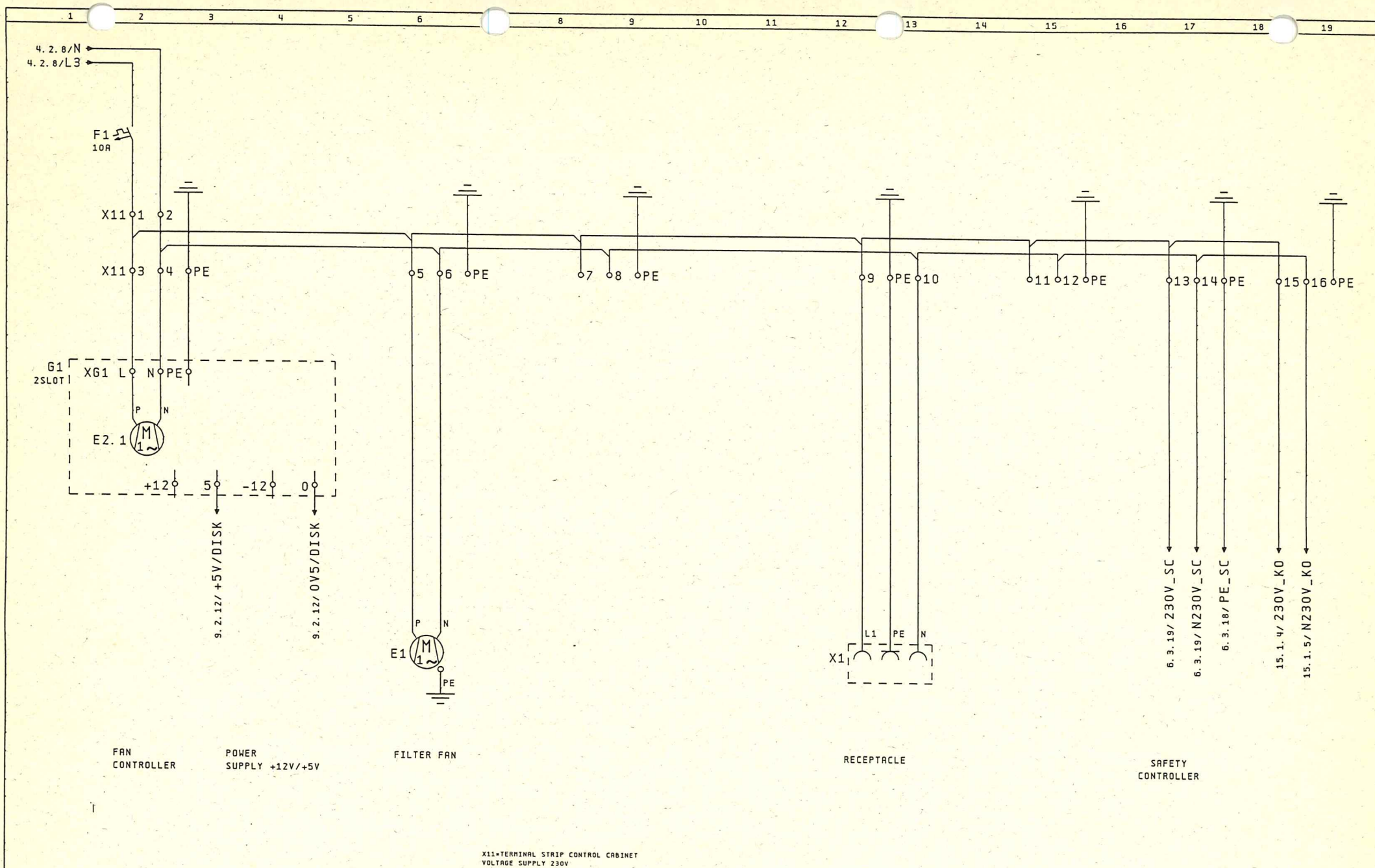
+24V BRAKE



4.2.3/OV24.1

X10-TERMINAL STRIP CONTROL CABINET
VOLTAGE SUPPLY 24VDC

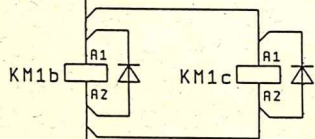
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		A. Dat.: 18. Aug. 1999							
		Bearb.: B. JACOBI							
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma: PLASMA MODULS OY		B1. 4.3	50 Bl.



		Datum : 19. Aug. 1999	Anlage:	Titel:	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat. : 10. Aug. 1999	SRV6 ROBOT-STAR V	VOLTAGE	013326	52.588.00	
		Bearb.: B. JACOBI		DISTRIBUTION 230VAC			
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:	B1. 4.4
						PLASMA MODULS OY	50 B1.

REIS
REIS ROBOTICS

6.1.11
SC_37



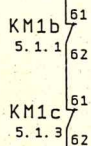
SC_38
6.1.11

DRIVE

LP1-012108D
LA1-DN22

4.2.6 1 2
4.2.7 3 4
4.2.7 5 6
4.3.8 13 14
5.1.5 61 62
13A.12 71 72
83 84

6.1.12
SC_20



SC_19
6.1.12

DRIVES
ON
REQUEST

LP1-012108D
LA1-DN22

4.2.6 1 2
4.2.7 3 4
4.2.7 5 6
4.3.8 13 14
5.1.5 61 62
13A.12 71 72
83 84

5.2.9
Q_WT

SC_14
6.1.9

RECEIPT
SAFETY DOOR

6.1.7
SC_11

WT1a
5.2.2

5.2.4
WT1b

SC_10
6.1.6

SAFETY DEVICE
CLOSED
CHANNEL 1

6.1.8
SC_12

WT1c
5.2.5

5.2.6
WT1d

SC_13
6.1.8

SAFETY DEVICE
CLOSED
CHANNEL 2

		Datum : 19. Aug. 1999	Anlage:	Titel:	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 18. Aug. 1999	SRV6 ROBOT-STAR V	DRIVES ON/SAFETY GRID/ EMERGENCY-OFF	013326	52.588.00	
		Bearb.: B. JACOBI			Firma:	PLASMA MODULS OY	B1. 5.1
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:		50 B1.

REIS
REIS ROBOTICS

SAFETY
CONTROLLER
BACK SIDE

RESET
FLIP SWITCH

SERVICE-MODE
FLIP SWITCH

PROGR.-MODE
FLIP SWITCH

ADD-ON SIDE

VIEW OF
BACK !

SAFETY
CONTROLLER
FRONT SIDE

XIPS1
L1 Q
N Q
P Q

ALIVE ⊗
OUT ⊗

+24V

⊗
CAN

PHG/BOF

XI113
SUD-0
25pol./BU

XIS
SUD-0
9pol./BU

XI22
SUD-0
9pol./ST

XI11
SUD-0
9pol./ST

XI21
SUD-0
9pol./BU

XI120
SUD-0
25pol./BU

XIPS2
12 Q
11 Q
10 Q
9 Q
8 Q
7 Q
40 Q
39 Q
38 Q
37 Q
36 Q
35 Q
34 Q
33 Q
32 Q
31 Q
30 Q
29 Q
28 Q
27 Q
26 Q
25 Q
24 Q
23 Q
22 Q
21 Q

6 Q
5 Q
4 Q
3 Q
2 Q
1 Q
20 Q
19 Q
18 Q
17 Q
16 Q
15 Q
14 Q
13 Q
12 Q
11 Q
10 Q
9 Q
8 Q
7 Q
6 Q
5 Q
4 Q
3 Q
2 Q
1 Q

XISI02
10 Q
9 Q
8 Q
7 Q
6 Q
5 Q
4 Q
3 Q
2 Q
1 Q

XISI01
10 Q
9 Q
8 Q
7 Q
6 Q
5 Q
4 Q
3 Q
2 Q
1 Q

ADD-ON SIDE

VIEW OF
IN FRONT !

Datum : 19. Aug. 1999

A. Dat. : 19. Aug. 1999

Bearb. : B. JACOBI

Gepr. :

Anlage:

SRV6 ROBOT-STAR V

Titel:

SAFETY-CONTROLLER
LAYOUT

Ers. d.:

REIS

REIS ROBOTICS

Zeichn.-Nr.:

013326

Com.-Nr.:

52.588.00

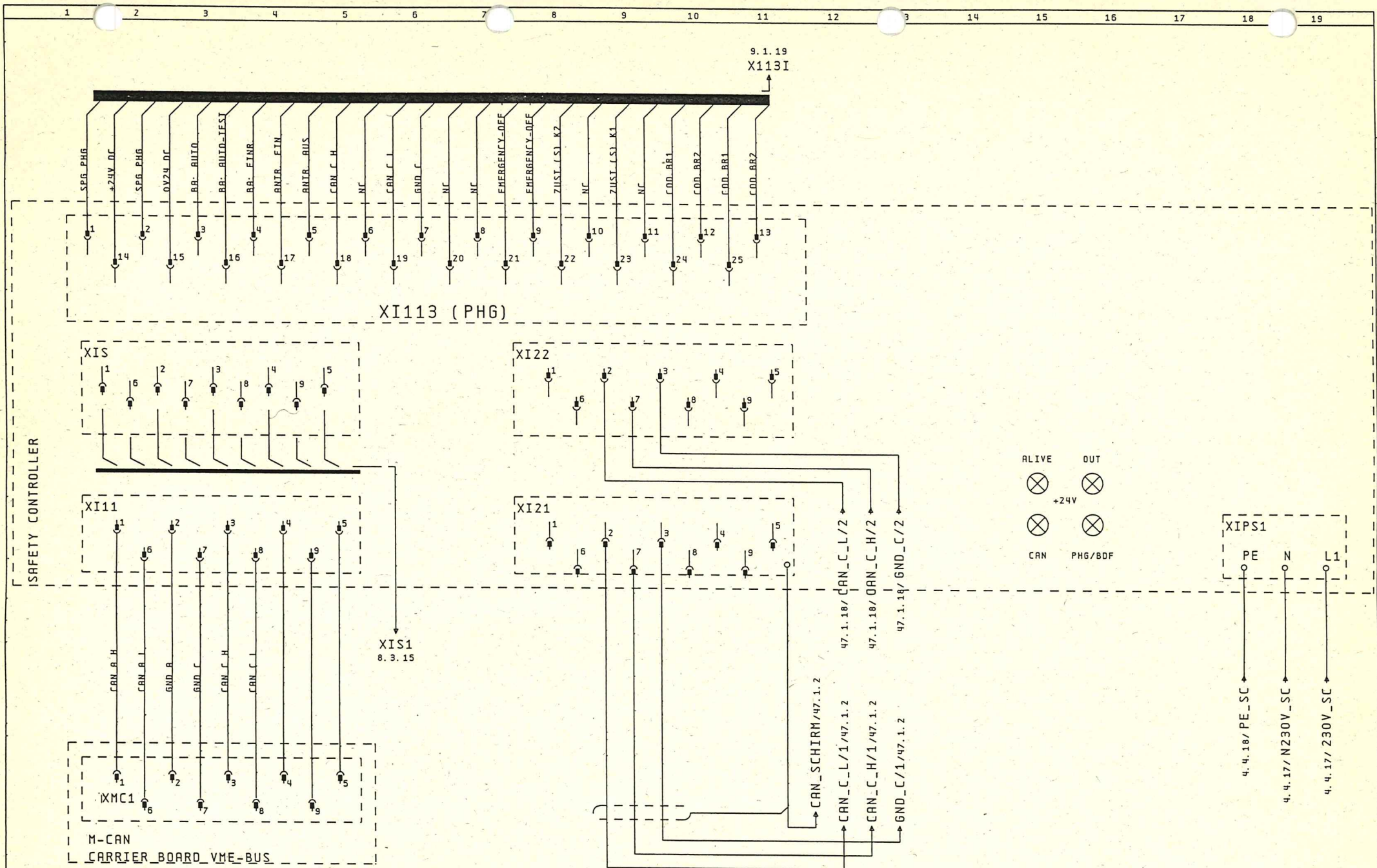
Firma:


PLASMA MODULS OY

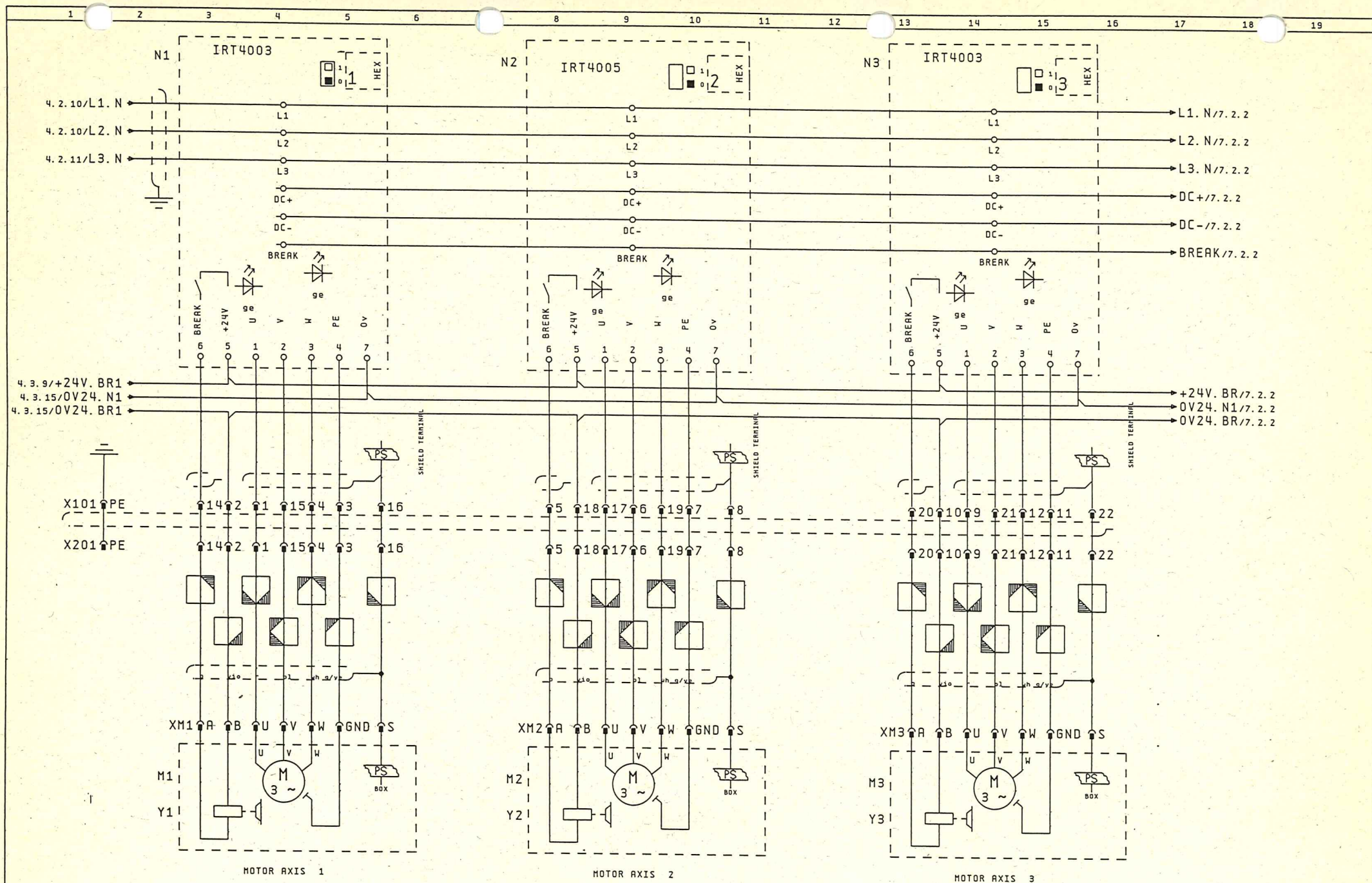
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6

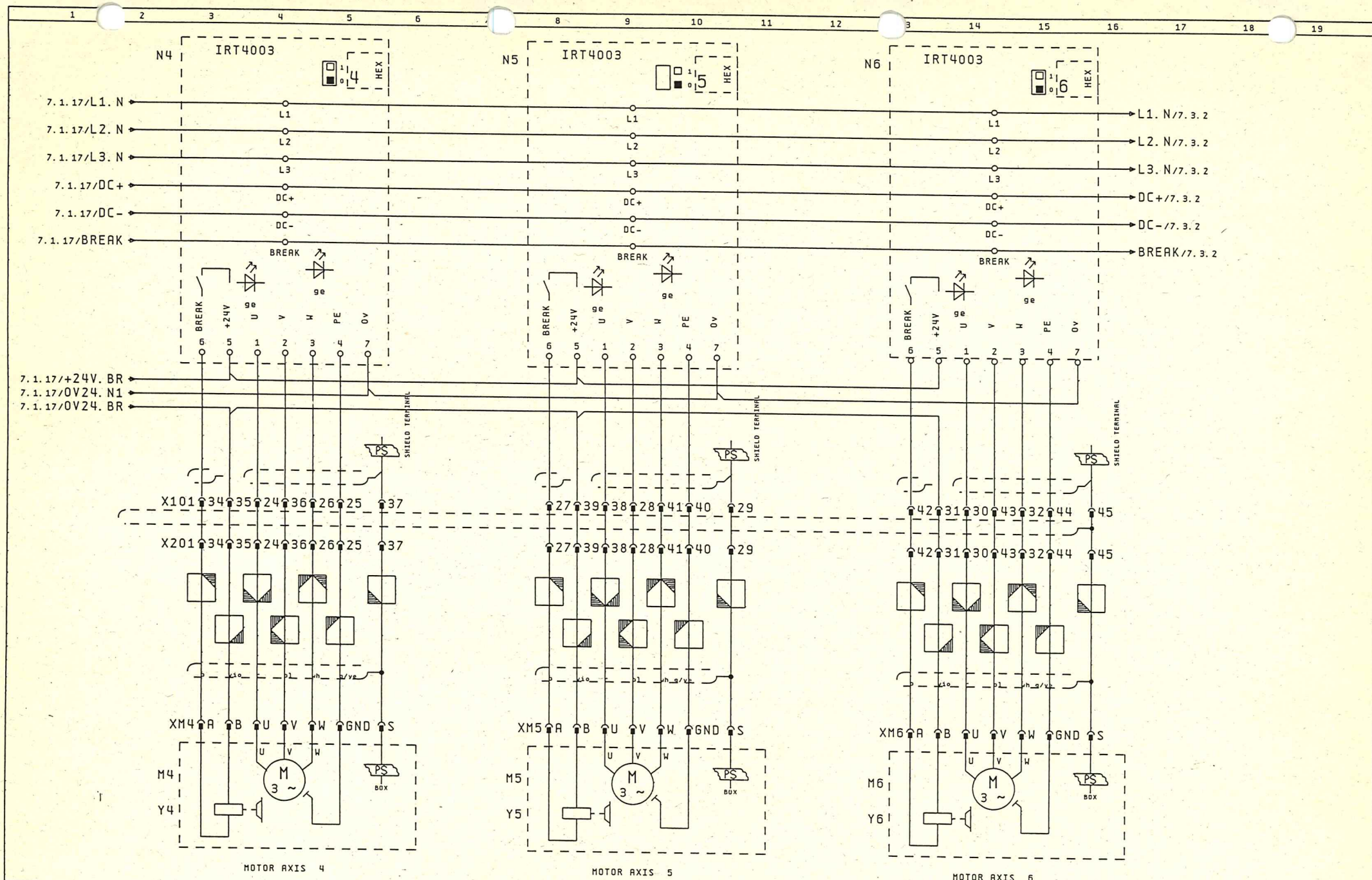
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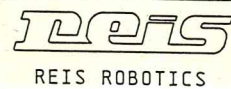
		Datum : 19. Aug. 1999	Anlage:		Titel:		Zeichn.-Nr.:	Com.-Nr.:	B1. 6.3 50 B1.
		A. Dat. : 19. Aug. 1999	SRV6 ROBOT-STAR V		SAFETY-CONTROLLER		013326	52.588.00	
		Bearb. : B. JACOBI						Firma:	
Anderung	Name	Gepr. :	Urspr. :	Ers. f. :	Ers. d. :		REIS ROBOTICS	PLASMA MODULS OY	

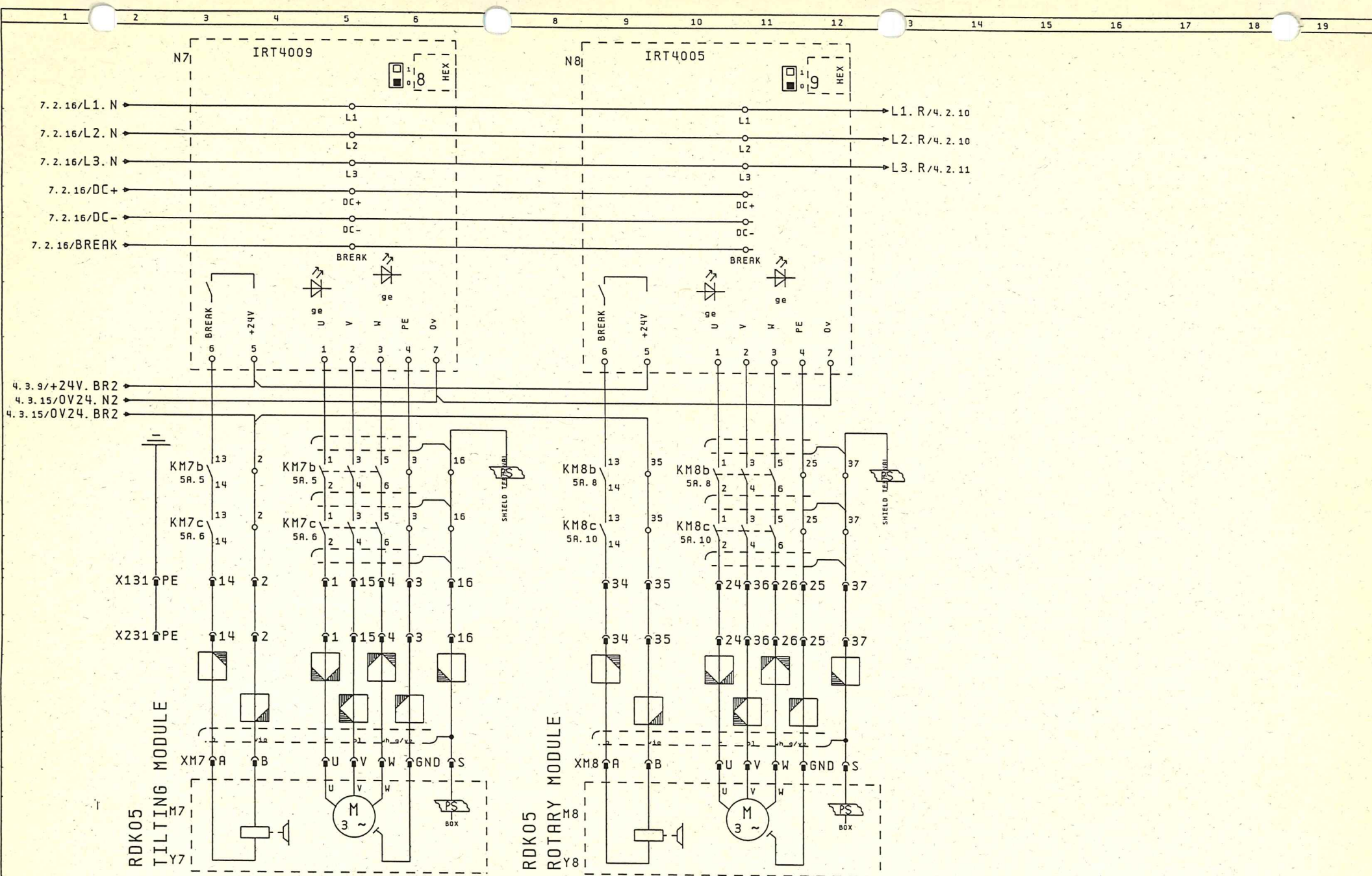


Datum : 19. Aug. 1999		Anlage: SRV6 ROBOT-STAR V		Titel: MOTOR AXIS 1-3		Zeichn.-Nr.: 013326		Lom.-Nr.: 52.588.00	
A. Dat.: 18. Aug. 1999		Bearb.: B. JACOBI		Ers. d.:		Firma: PLASMA MODULS OY		Bl. 7.1	
Änderung	Name	Gepr.:	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		50 Bl.	



Datum : 19. Aug. 1999		Anlage: SRV6 ROBOT-STAR V		Istel: MOTOR AXIS 4-6		Zeichn.-Nr.: 013326		Lom.-Nr.: 52.588.00	
A. Dat.: 19. Aug. 1999		Bearing: B. JACOBI		Ers. d.:		Firma: PLASMA MODULS OY		Bl. 7.2	
Anderung	Name	Gepr.:	Urspr.:	Ers. f.:	Ers. d.:			50 Bl.	





XM8=PLUG AT THE MOTOR A8

Datum : 19. Aug. 1999

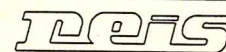
Beach :	B. JACOB
---------	----------

6025 :

SRV6 ROBOT-STAR V

XM9=PLUG AT THE MOTOR A9

MOTOR RDK05



REIS ROBOTICS

Zeichn.-Nr.:

Com. - Nr.:

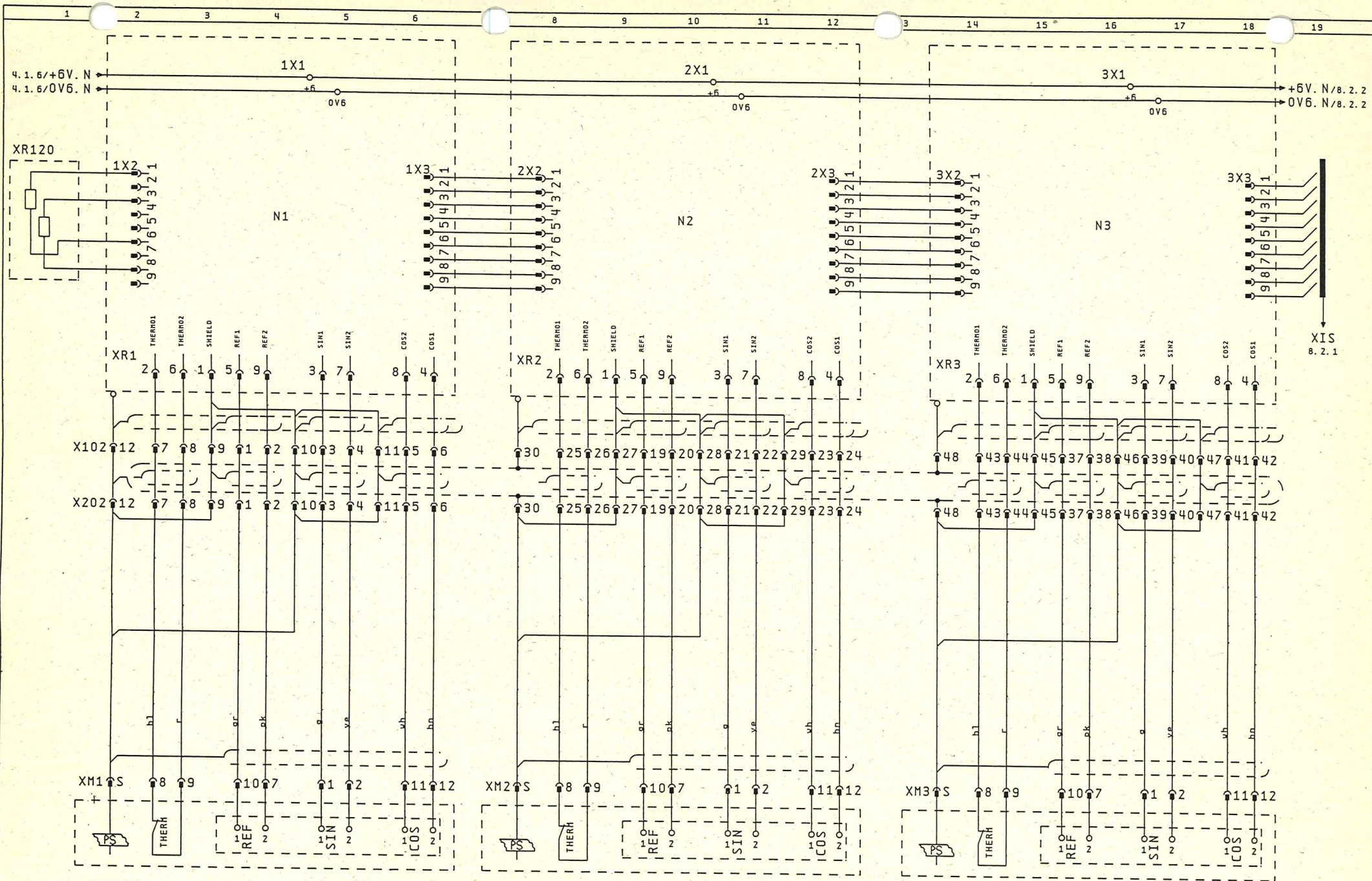
52.588.00

Firma:

PLASMA MODULS OY

B1.	7.3
-----	-----

50 81.



RESOLVER AXIS 1

RESOLVER AXIS 2

RESOLVER AXIS 3

Datum : 19. Aug. 1999

A. Dat. : 18. Aug. 1999

Bearb. : B. JACOBI

Anlage:

SRV6 ROBOT-STAR V

Titel:

RESOLVER AXIS 1-3

REIS

REIS ROBOTICS

Zeichn.-Nr.:

013326

Com.-Nr.:

52.588.00

Firma:

PLASMA MODULS OY

Bl. 8.1

50 Bl.

Änderung

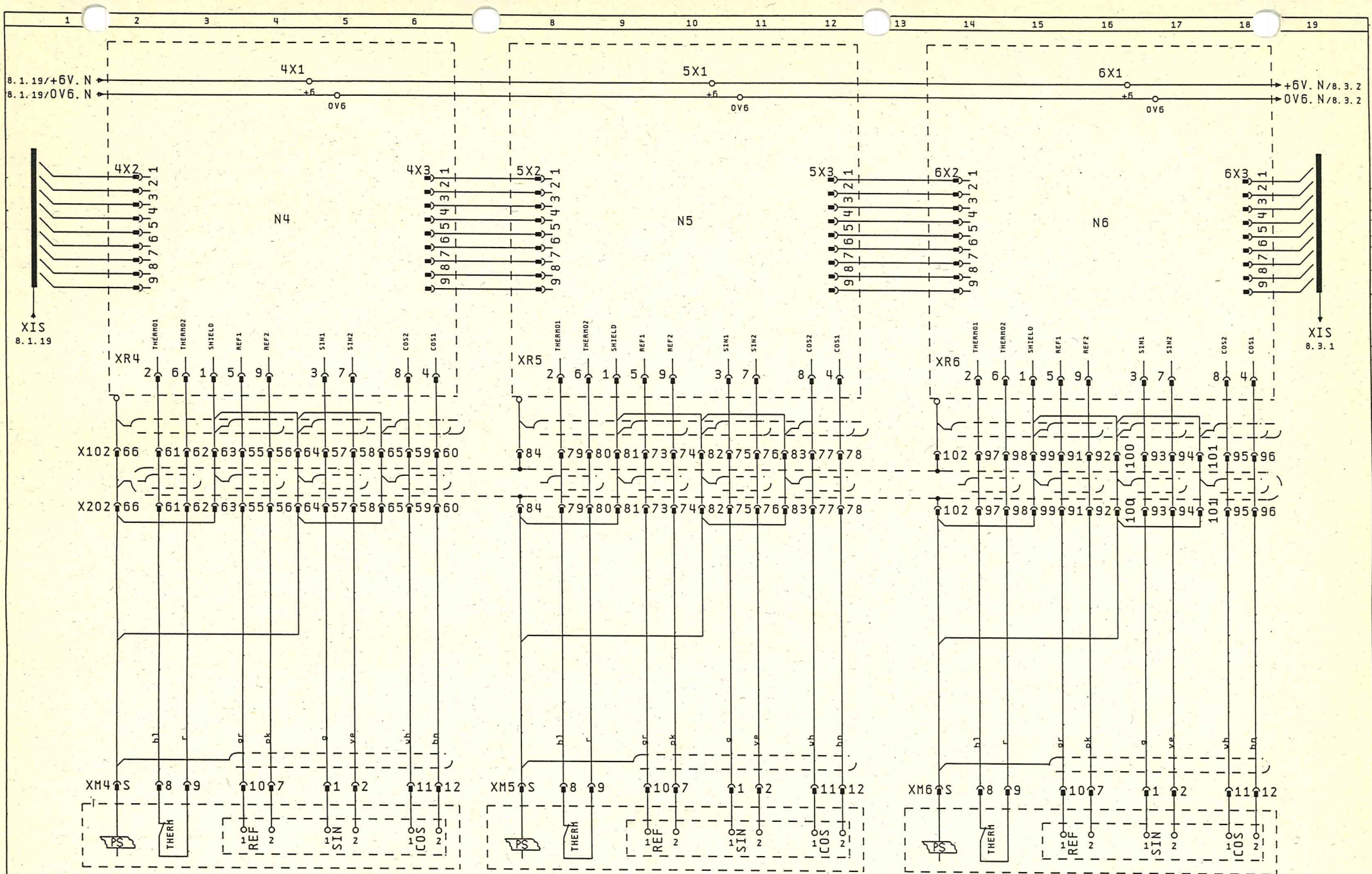
Name

Gepr. :

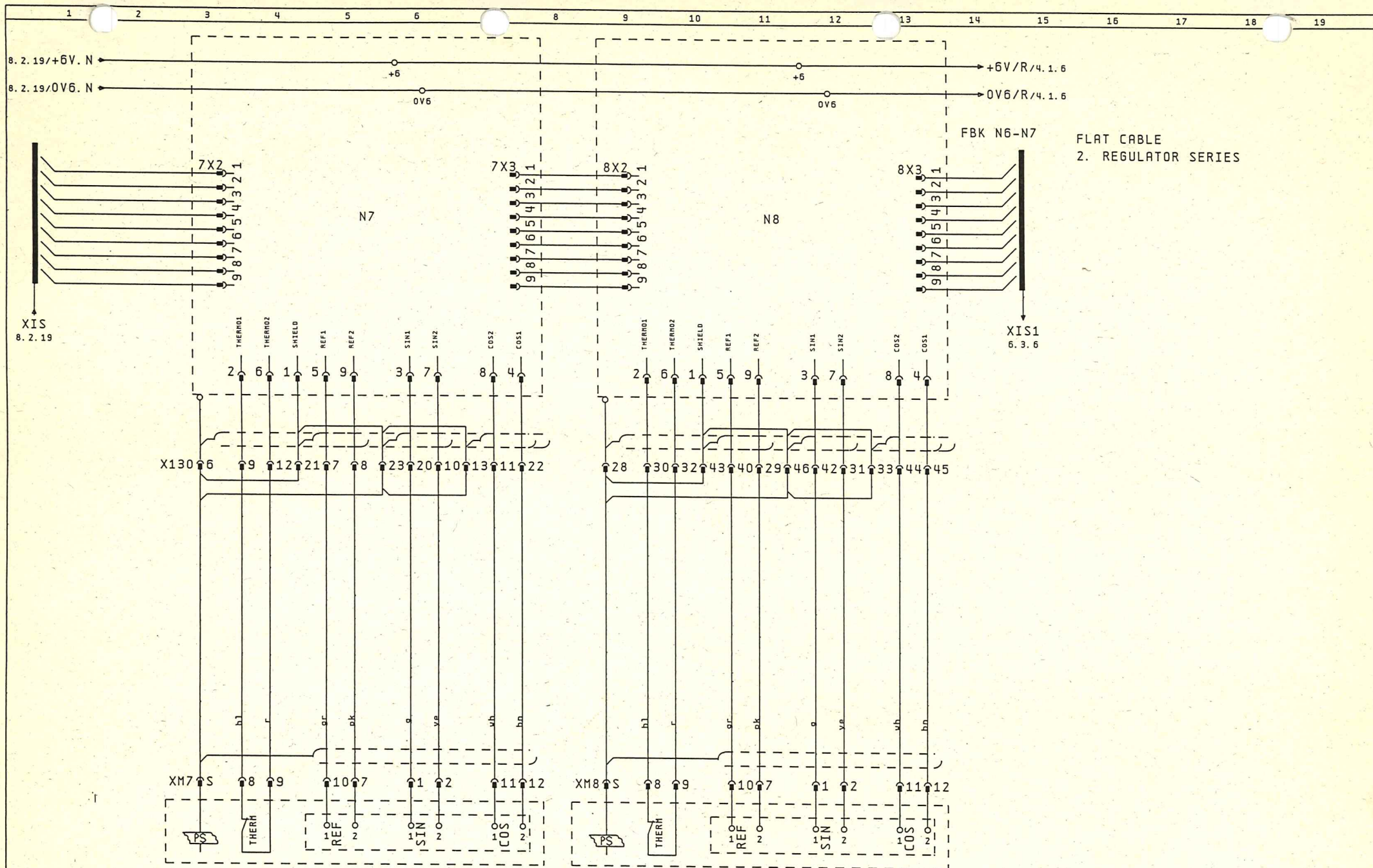
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Ers. f.:

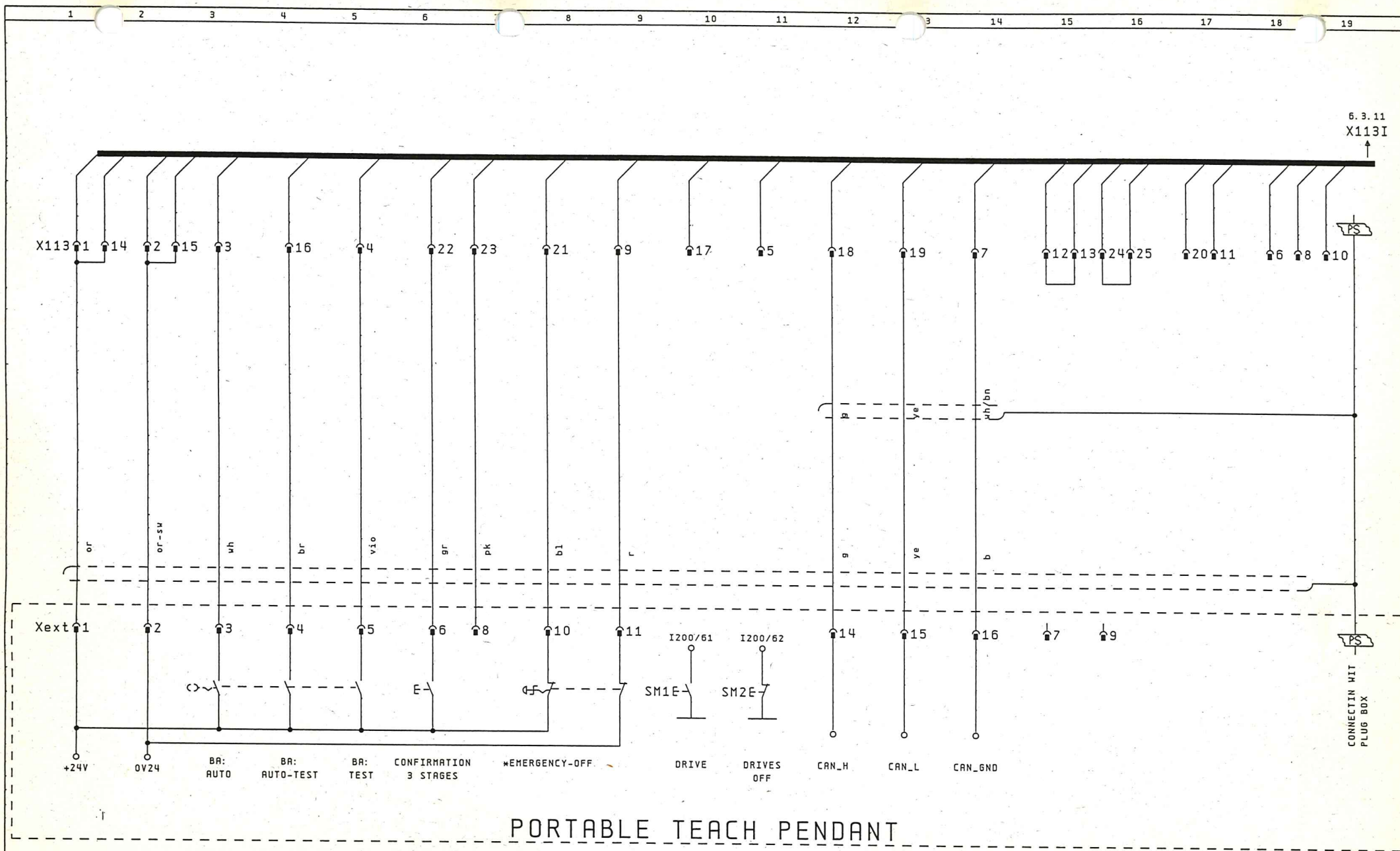
Ers. d.:



RESOLVER AXIS 4			RESOLVER AXIS 5			RESOLVER AXIS 6		
Anlage: SRV6 ROBOT-STAR V			Anlage: SRV6 ROBOT-STAR V			Anlage: SRV6 ROBOT-STAR V		
Datum : 19. Aug. 1999			Datum : 19. Aug. 1999			Datum : 19. Aug. 1999		
A. Dat. : 18. Aug. 1999			A. Dat. : 18. Aug. 1999			A. Dat. : 18. Aug. 1999		
Bearb. : B. JACOBI			Bearb. : B. JACOBI			Bearb. : B. JACOBI		
Gepr. :			Gepr. :			Gepr. :		
Urspr. :			Urspr. :			Urspr. :		
Ers. f. :			Ers. f. :			Ers. f. :		
Ers. d. :			Ers. d. :			Ers. d. :		
Anderung			Anderung			Anderung		
Name			Name			Name		
Gepr. :			Gepr. :			Gepr. :		
Urspr. :			Urspr. :			Urspr. :		
Ers. f. :			Ers. f. :			Ers. f. :		
Ers. d. :			Ers. d. :			Ers. d. :		
Zeichn.-Nr. : 013326			Zeichn.-Nr. : 013326			Zeichn.-Nr. : 013326		
Com.-Nr. : 52.588.00			Com.-Nr. : 52.588.00			Com.-Nr. : 52.588.00		
Firma: REIS ROBOTICS			Firma: REIS ROBOTICS			Firma: REIS ROBOTICS		
PLASMA MODULS OY			PLASMA MODULS OY			PLASMA MODULS OY		
Bl. 8.2			Bl. 8.2			Bl. 8.2		
50 Bl.			50 Bl.			50 Bl.		



RESOLVER AXIS 7		RESOLVER AXIS 8		Zeichn.-Nr.: 013326		Com.-Nr.: 52.588.00	
Datum : 19. Aug. 1999	Anlage:	SRV6 ROBOT-STAR V		RESOLVER FOR		Firma:	
A. Dat.: 18. Aug. 1999	Bearing: B. JACOBI		2. ADDITIONAL AXES		PLASMA MODULS OY		B1. 8.3
Änderung	Name	Gepr. :	Urspr. :	Ers. f. :	Ers. d. :	REIS ROBOTICS	
						50 B1.	

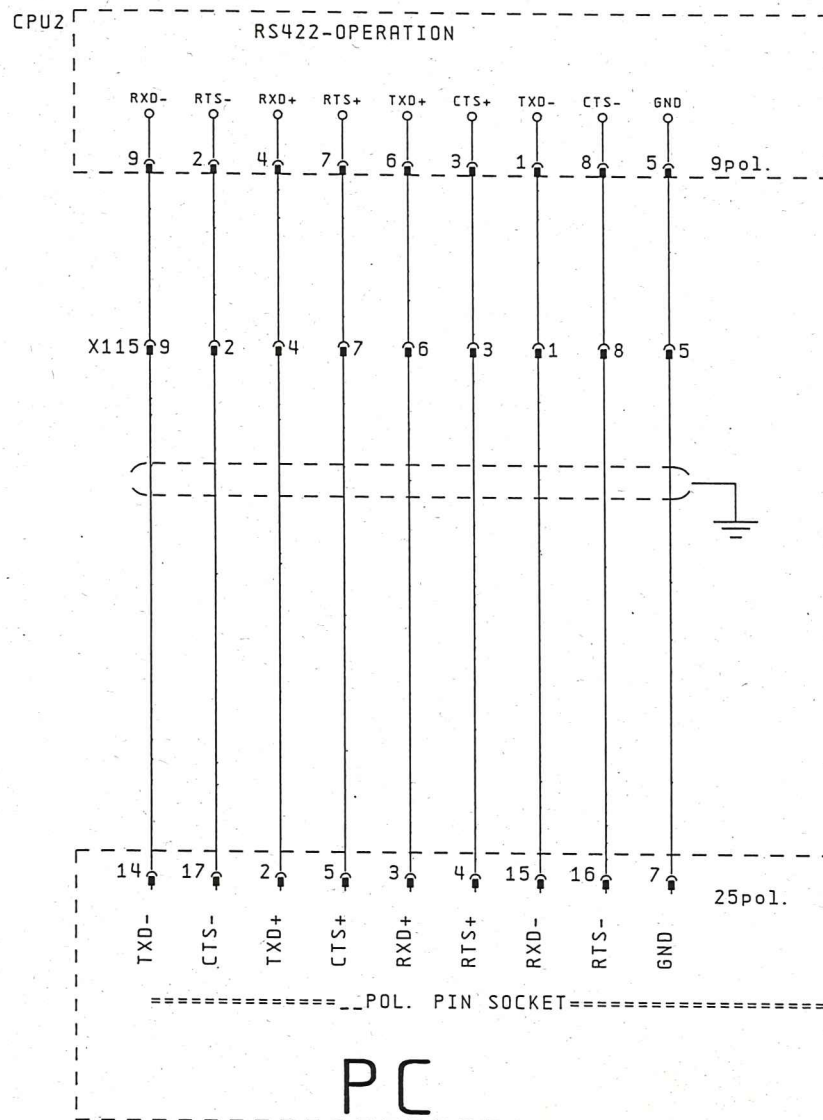


X113=PHG PLUG AT THE CONTROL CABINET
Xext=PLUG IN PORTABLE TEACH PENDANT

		Datum : 19. Aug. 1999	Anlage:	Titel:	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 19. Aug. 1999	SRV6 ROBOT-STAR V	PORTABLE TEACH PENDANT	013326	52.588.00	
		Bearb.: B. JACOBI			Firma:	PLASMA MODULS OY	B1. 9.1
Änderung	Name	Gepr. :	Urspr.:	Erst. f.:	Ers. d.:		50 Bl.

REIS
REIS ROBOTICS

CONTROL CABINET



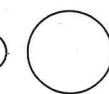
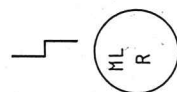
X115-PLUG AT THE CONTROL CABINET
DNC

		Datum : 19. Aug. 1999	Anlage:	SRV6 ROBOT-STAR V	Titel:	DNC INTERFACE	Zeichn.-Nr.:	013326	Com.-Nr.:	52.588.00	
		A. Dat. : 19. Aug. 1999									
		Bearb. : B. JACOBI									
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma:	PLASMA MODULS OY		B1. 9.3	50 B1.

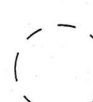
reis

REIS ROBOTICS

WORKING HOURS-
COUNTER



ACKNOWLEDGE
PROTECTION AREA



DISC

TEACH PENDANT (PHB)

DNC

SCHUKO

FRONT PLATE LETTERING ENGLISH

Datum : 19. Aug. 1999

A. Dat. : 18. Aug. 1999

Bearb. : B. JACOBI

Anlage:

SRV6 ROBOT-STAR V

Titel:

OPERATING PANEL
INTERNAL/EXTERNAL



REIS ROBOTICS

Zeichn.-Nr.:

013326

Com.-Nr.:

52.588.00

Firma:

PLASMA MODULS OY

Anderung

Name

Gepr. :

Urspr.:

Ers. f.:

Ers. d.:

B1. 10
50 B1.

BM3/0CAN

ER1.00— 13.1.2
 ER1.10— 13.1.4
 ER1.20— 13.1.6
 ER1.30— 13.1.8
 ER1.40— 13.1.10
 ER1.50— 13.1.12 AXES 7+8 SWITCHED
 ER1.60— 13.1.14
 ER1.70— 13.1.16 BUFFERING

BM3/1CAN

AR1.00— 13.5.2
 AR1.10— 13.5.4
 AR1.20— 13.5.6
 AR1.30— 13.5.8
 AR1.40— 13.5.10
 AR1.50— 13.5.12
 AR1.60— 13.5.14
 AR1.70— 13.5.16 BETRIEBSSTUNDENZÄHLER

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V		Titel: CAN-BUS KEY PLAN MODULES IN CONTROL CABINET		Zeichn.-Nr.: 013326		Com.-Nr.: 52.588.00		
		A. Dat.: 19. Aug. 1999									
		Bearb.: B. JACOBI									
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		Firma: PLASMA MODULS OY		Bl. 12.1 50 Bl.	

BM5/1CAN

ER0.00 — 13B.6 POWER SOURCE COLLISION PROTECTION
 ER0.10 — 13B.6 POWER SOURCE ARC ON*
 ER0.20 — 13B.7
 ER0.30 — 13B.8

BM5/2CAN

ER0.40 — 13B.8 CONTACT SENSOR FOUND
 ER0.50 — 13B.9
 ER0.60 — 13B.10
 ER0.70 — 13B.10

BM5/6CAN

AR0.00 — 13C.2 POWER SOURCE WELDING ON
 AR0.10 — ⁵ 13C.3 POWER SOURCE GAS ON

BM5/7CAN

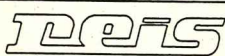
AR0.20 — 13C.5 POWER SOURCE PULSATION
 AR0.30 — 13C.5 POWER SOURCE FAST PULSATION

BM5/8CAN

AR0.40 — 13C.8 CONTACT SENSOR ON
 AR0.50 — 13C.8 ION WELDING ON

BM5/9CAN

AR0.60 — 13C.10 ION GAS ON
 AR0.70 — 13C.11 ION POWDER ON

		Datum : 19. Aug. 1999	Anlage:		Titel:			Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat. : 19. Aug. 1999	SRV6 ROBOT-STAR V		CAN-BUS KEY PLAN POWER SOURCE			013326	52.588.00	
		Bearb. : B. JACOBI						Firma:		
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		PLASMA MODULS OY		B1. 12.2 50 B1.

BM5/3CAN


AAR10— 13B. 11 REFERENCE VALUE POWER
AAR20— 13B. 12 REFERENCE VALUE PULS CORRECTION

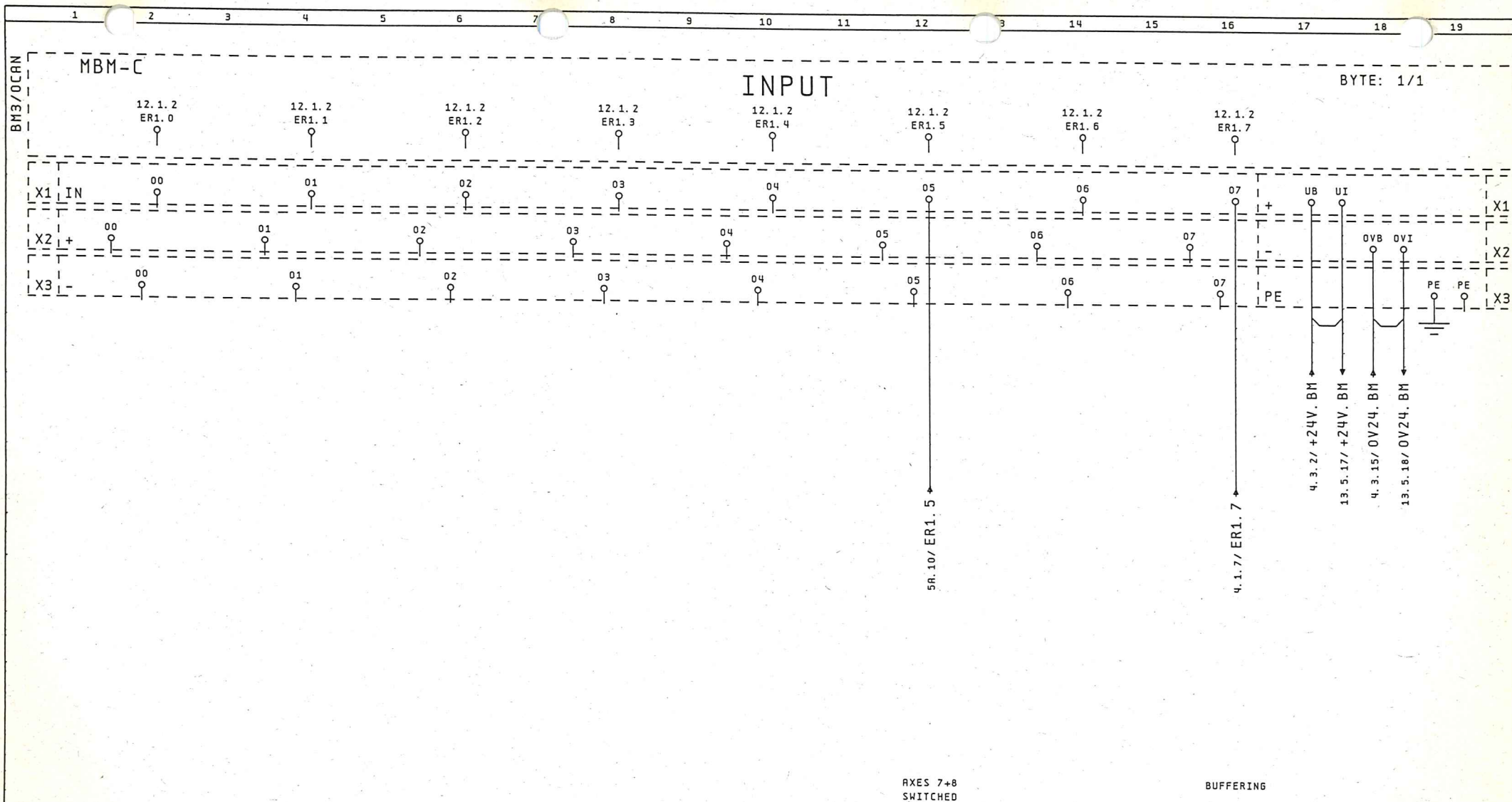
BM5/4CAN

AAR30— 13B. 13 REFERENCE VALUE RESERVE
AAR40— 13B. 13 REFERENCE VALUE RESERVE

BM5/5CAN

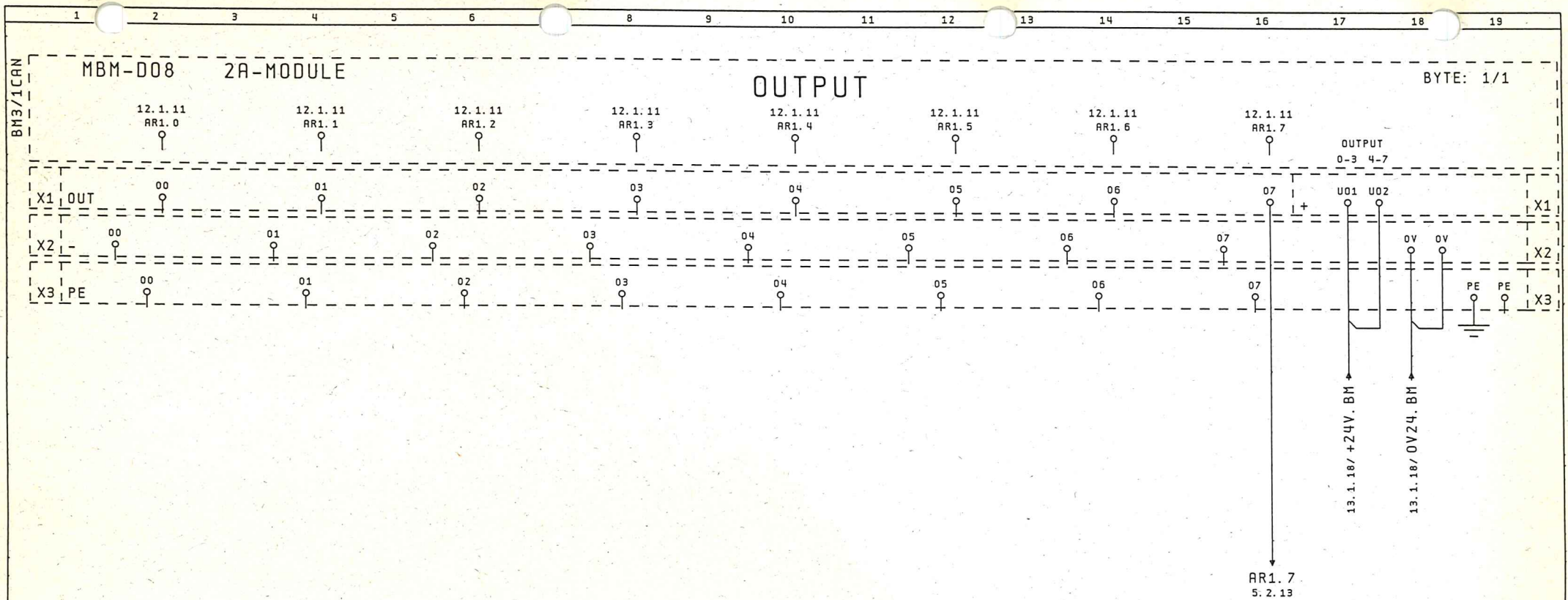
AAR50— 13B. 15 REFERENCE VALUE RESERVE
AAR60— 13B. 15 REFERENCE VALUE RESERVE

		Datum : 19. Aug. 1999	Anlage:	Titel:	 REIS ROBOTICS	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 19. Aug. 1999	SRV6 ROBOT-STAR V	CAN-BUS KEY PLAN		013326	52.588.00	
		Bearb.: B. JACOBI		POWER SOURCE				
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma: PLASMA MODULS OY		B1. 12.3 50 B1.

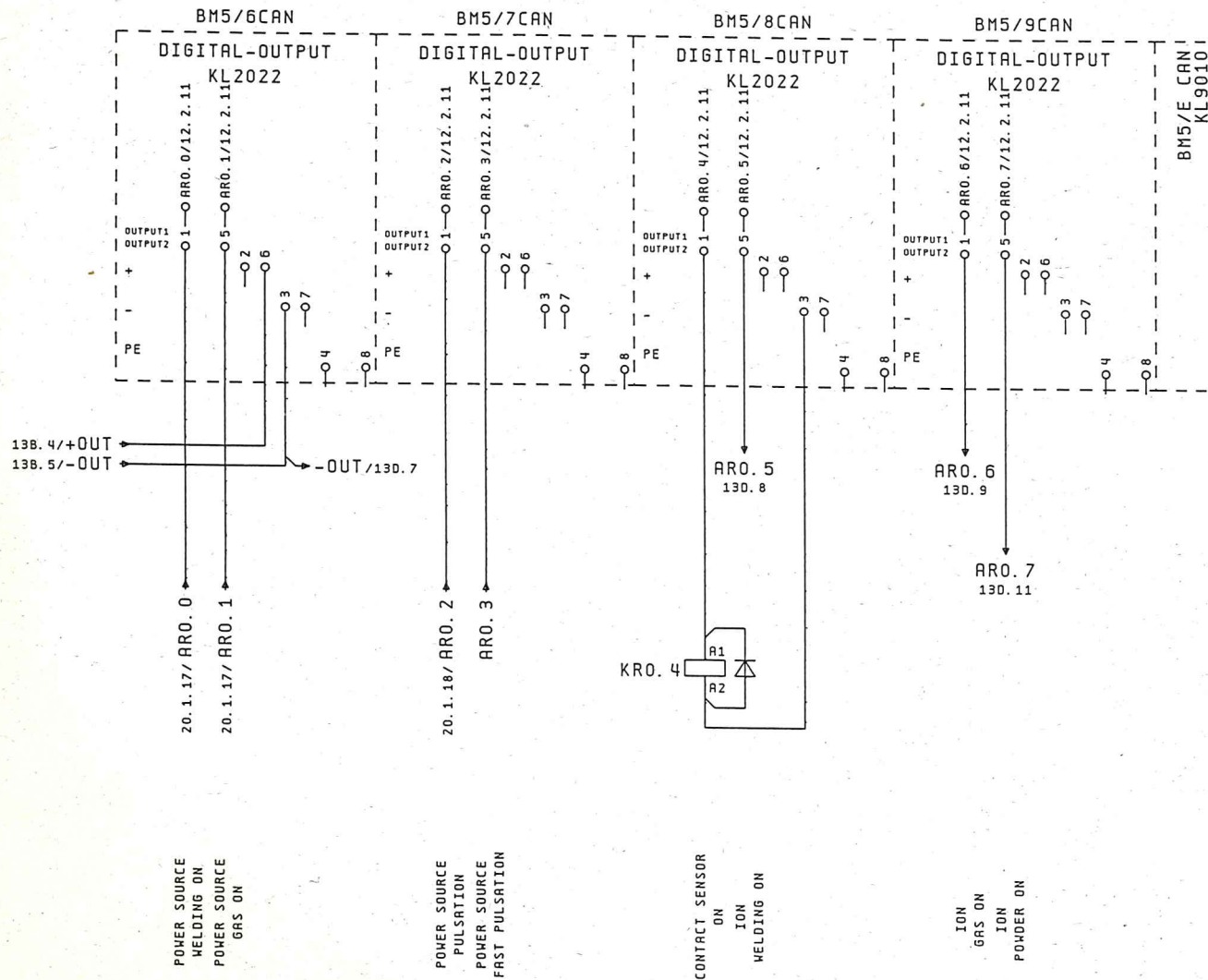


Änderung	Name	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: CAN-MODULE CONTR. CABINET BYTE ER 1	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	Firma: PLASMA MODULS OY	Bl. 13.1 50 Bl.
		A. Dat.: 19. Aug. 1999						
		Bearb.: B. JACOBI						
		Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			


REIS
REIS ROBOTICS



		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V		Titel: CAN-MODULE	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A. Dat. : 19. Aug. 1999			CONTR. CABINET BYTE AR 1			
		Bearb.: B. JACOBI						
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY	B1. 13.5 50 Bl.



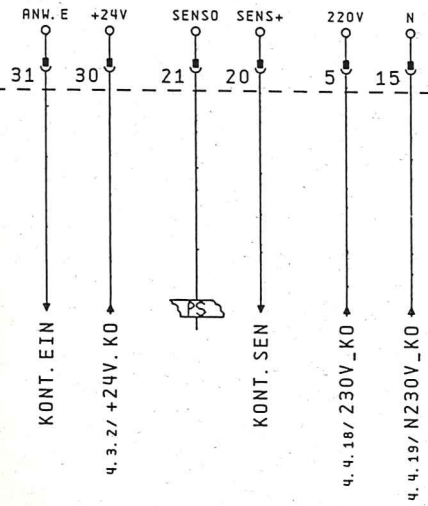
RHM 11/24
13A. 8 13 14

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V		Titel: CAN-BUS-MODULES POWER SOURCE				Zeichn.-Nr.: 013326		Com.-Nr.: 52.588.00		
		A. Dat.: 19. Aug. 1999											
		Bearb.: B. JACOBI											
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		Firma: PLASMA MODULS OY				Bl. 13C	
												50 Bl.	

(IN CONTROL CABINET)

U2

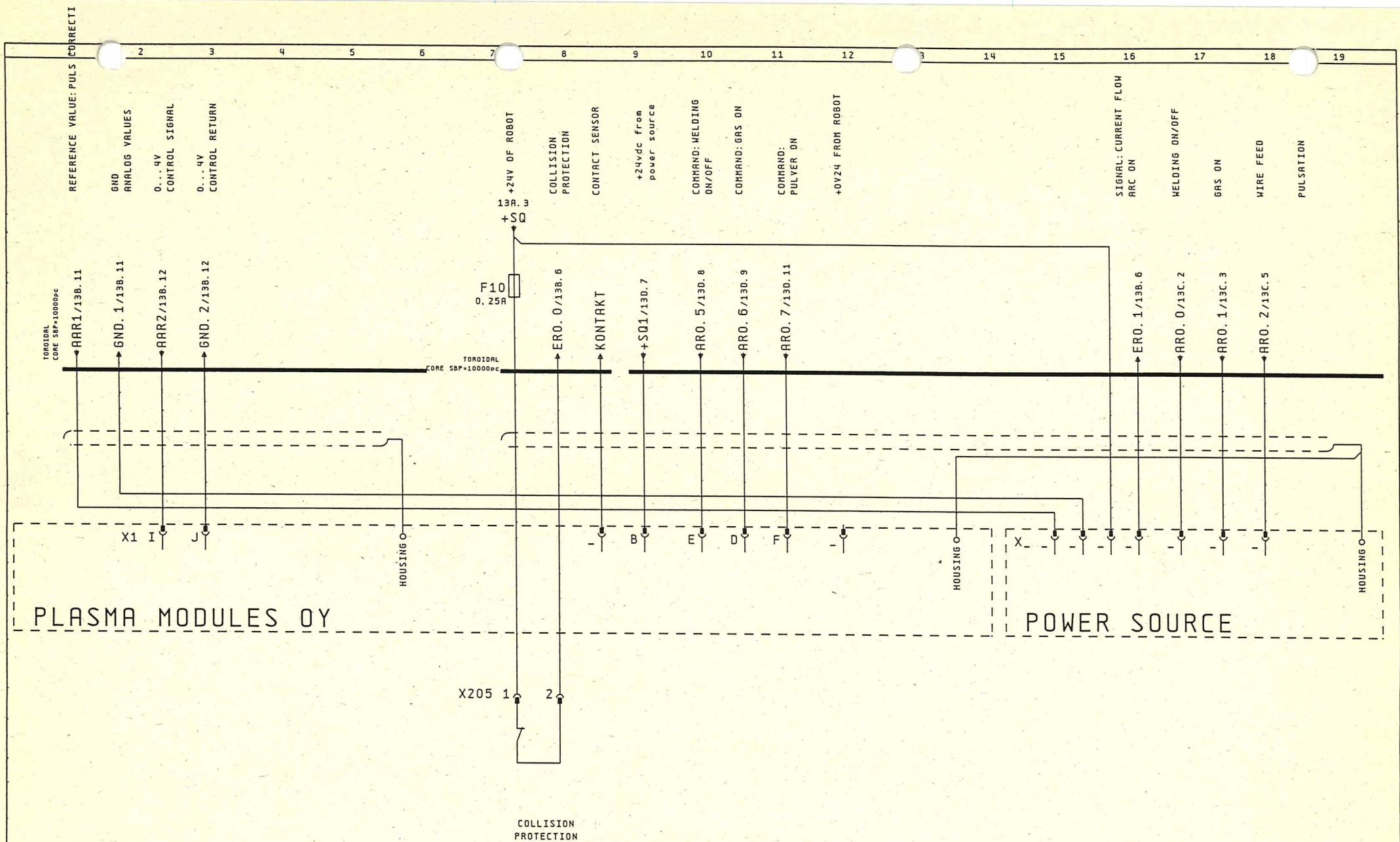
CONTACT SENSOR-CARD



CONTACT SENSOR
PART RECOGNIZED

CONTACT
SENSOR
AT THE TORCHE

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V		Titel: CONTACT SENSOR	Zeichn.-Nr.: 013326		Com.-Nr.: 52.588.00		
		A. Dat.: 18. Aug. 1999								
		Bearb.: B. JACOBI								
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		Firma: PLASMA MODULS OY		B1. 15.1 50 B1.



Änderung	Name	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: PLASMA MODULES OY ION POWER SOURCE	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	Firma: PLASMA MODULS OY	Bl. 20.1 50 Bl.
		A: Dat. : 19. Aug. 1999						
		Bearb.: B. JACOBI						
		Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			

REIS

REIS ROBOTICS

STÜCKLISTE

REISSTKD 05.02.1998

Bauteilbezeichnung	Menge	Bezeichnung / Typennummer		Hersteller	REIS- Identnummer	Seite Pfad
SQWT1	1.0	ALUMINIUM PLATE	30X50X1,0 BOHRUNG 22,5	KUENKLER EGON GMBH	443598	5.2.8
KBE1	1.0	SAFTY SWITCH UNIT	SRB-NA-R-C15-24V	ELAN-SCHALTELEMENTE	1766832	5A.14
KM7	1.0	SAFTY SWITCH UNIT TIME	SRB-NA-R-C16-24V	ELAN-SCHALTELEMENTE	1766600	5A.2
KM7b	1.0	CONTACTOR	LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.5
KM7b	1.0	AUXILIARY SWITCH BLOCK	LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.5
KM7b	1.0	OVERLOAD VOLTAGE LIMITATOR	LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.5
KM7c	1.0	CONTACTOR	LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.8
KM7c	1.0	AUXILIARY SWITCH BLOCK	LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.8
KM7c	1.0	OVERLOAD VOLTAGE LIMITATOR	LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.8
KM8b	1.0	CONTACTOR	LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.6
KM8b	1.0	AUXILIARY SWITCH BLOCK	LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.6
KM8b	1.0	OVERLOAD VOLTAGE LIMITATOR	LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.6
KM8c	1.0	CONTACTOR	LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.10
KM8c	1.0	AUXILIARY SWITCH BLOCK	LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.10
KM8c	1.0	OVERLOAD VOLTAGE LIMITATOR	LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.10
N1	1.0	REGULATOR 4003		I R T SA	2138602	7.1.3
N2	1.0	REGULATOR 4005			2138610	7.1.8
N3	1.0	REGULATOR 4003		I R T SA	2138602	7.1.13
N4	1.0	REGULATOR 4003		I R T SA	2138602	7.2.3
N5	1.0	REGULATOR 4003		I R T SA	2138602	7.2.8
N6	1.0	REGULATOR 4003		I R T SA	2138602	7.2.13
N7	1.0	REGULATOR 4009			2138628	7.3.3
N8	1.0	REGULATOR 4005			2138610	7.3.9
XR120	1.0	FINAL RESISTOR XR120	CAN-BUS		2140533	8.1.1
FBKN6-N7	1.0	CONNECTION CABLE CAN-BUS	TWIS.P 10POL.		2363218	8.3.15
DLW	1.0	DISC DRIVE 3.5"	1.44 MB HELL, MITSUBISHI	LION ELECTRONICS INTERNATIONAL	2130047	9.2.4
DLW	1.0	POWER SUPPLY PLUG DISC-D.	SVK3	REICHELT ELEKTRONIK	2139980	9.2.4
DLW	1.200.0	LIYCY 3X0,5 /55	GESAMTSCHIRM	WEYDEMEYER GMBH	955054	9.2.4
DLW	1.0	INTERFACE ADJACENT BOX		RITTAL-WERK	2139931	9.2.4
VME	1.0	DISC DRIVE-ADAPTER	RSV	MEGATEC ELECTRONIC GMBH	2139949	9.2.4
BM3/OCAN	1.0	CAN-BUS NODE 8DI	MBM-C 55900	MURRELEKTRONIK GMBH	2140541	13.1.1
BM3/OCAN	1.0	CAN-TERMINAL BLOCK FOR	MBM-C 55977	MURRELEKTRONIK GMBH	2363259	13.1.1
BM3/1CAN	1.0	CAN-DIG.OUTPUT MODULE	MBMDO 8/2A 55924	MURRELEKTRONIK GMBH	2290098	13.5.1
BM3/1CAN	1.0	CAN-TERMINAL BLOCK FOR	MBMDO 8/0.5 55956	MURRELEKTRONIK GMBH	2140616	13.5.1
BM5/OCAN	1.0	CAN-BUS COUPLER	BK 5120		2364281	13B.3
BM5/1CAN	1.0	CAN-DIG.INPUT TERMINALS 4	KL 1104		2364299	13B.5
BM5/2CAN	1.0	CAN-DIG.INPUT TERMINALS 4	KL 1104		2364299	13B.8
BM5/3CAN	1.0	CAN-ANA.OUTPUT TERMINALS 2	KL 4032		2364323	13B.10
BM5/4CAN	1.0	CAN-ANA.OUTPUT TERMINALS 2	KL 4032		2364323	13B.12

Datum : 19. Aug. 1999		Anlage: SRV6-ROBOT-STAR V		Titel: PARTS LIST		Zeichn.-Nr.: 013326		Com.-Nr.: 52.588.00			
A. Dat.: 19. Aug. 1999											
Bearb.: B. JACOBI											
Firma: PLASMA MODULS OY										Bl. 36	
REIS ROBOTICS										50 Bl.	

STÜCKLISTE

REISSTKD 05.02.1998


Bauteilbezeichnung	Menge	Bezeichnung / Typennummer	Hersteller	REIS-Identnummer	Seite Pfad
BM5/5CAN	1.0	CAN-ANA. OUTPUT TERMINALS 2 KL 4032		2364323	13B.14
BM5/6CAN	1.0	CAN-DIG. OUTPUT TERMINALS 2 KL 2022		2216481	13C.2
BM5/7CAN	1.0	CAN-DIG. OUTPUT TERMINALS 2 KL 2022		2216481	13C.4
BM5/8CAN	1.0	CAN-DIG. OUTPUT TERMINALS 2 KL 2022		2216481	13C.7
BM5/9CAN	1.0	CAN-DIG. OUTPUT TERMINALS 2 KL 2022		2216481	13C.10
BM5/ECAN	1.0	CAN-BUSENTERMINAL KL 9010		2364349	13C.12
KR0.4	1.0	RELAY COUPLER 1S RMM 11/24 51851	MURRELEKTRONIK GMBH	1626770	13C.8
U2	1.0	CONTACT SENSOR BOARD 7500.379.502	MEGATEC ELECTRONIC GMBH	749424	15.1.1
U2	1.0	BOARD PLATE SKBI31 2201519	PHOENIX CONTACT	834739	15.1.1
F10	1.0	FUSE TERMINAL ASK1/35LD 24V022276	WEIDMUELLER GMBH	676346	20.1.7
F10	1.0	FUSE 250MA T 5X20 FST0034.3111	SCHURTER GMBH	43901	20.1.7
X101	1.0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46.1.1
X101	1.0	SOCKET PLUG 09 32 046 3109	HARTING ELEKTRONIK	2139220	46.1.1
X101	1.0	PIN-PLUG 09 32 046 3009	HARTING ELEKTRONIK	2139238	46.1.1
X101	1.0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46.1.1
X101--->X201	10.000.0	OELFLEX-110 CY 41X1.0 0035541	WEYDEMEYER GMBH	1476903	46.1.1
X102	1.0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46.1.2
X102	1.0	SOCKET PLUG 09 16 108 3101	HARTING ELEKTRONIK	1170647	46.1.2
X102	1.0	PIN-PLUG 09 16 108 3001	HARTING ELEKTRONIK	1170639	46.1.2
X102	1.0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46.1.2
X102--->X202	10.000.0	LIICY-CY 24X2X0.25/28 PAAR+GES. SCHIRM	WEYDEMEYER GMBH	1171637	46.1.2
X105	1.0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46.1.10
X105	1.0	SOCKET PLUG 09 16 108 3101	HARTING ELEKTRONIK	1170647	46.1.10
X105	1.0	PIN-PLUG 09 16 108 3001	HARTING ELEKTRONIK	1170639	46.1.10
X105	1.0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46.1.10
X105--->STROMQUELLE	10.000.0	OELFLEX-110 CY 7X1.5 0025041	MAINLAND GMBH	740324	46.1.10
X105--->STROMQUELLE	10.000.0	CAN-BUS-LTG. 104207 3X2X0.25 PVC	LUETZE FRIEDRICH GMBH	2363366	46.1.10
X130	1.0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46.1.6
X130	1.0	SOCKET PLUG 09 32 046 3109	HARTING ELEKTRONIK	2139220	46.1.6
X130	1.0	PIN-PLUG 09 32 046 3009	HARTING ELEKTRONIK	2139238	46.1.6
X130	1.0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46.1.6
X130--->RDK05	20.000.0	1 2(3X0.35)+2X0.15+3X2X0.15		2139568	46.1.6
X201	1.0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46.1.1
X201	1.0	SOCKET PLUG 09 32 046 3109	HARTING ELEKTRONIK	2139220	46.1.1
X201	1.0	PIN-PLUG 09 32 046 3009	HARTING ELEKTRONIK	2139238	46.1.1
X201	1.0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46.1.1
X202	1.0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46.1.2
X202	1.0	SOCKET PLUG 09 16 108 3101	HARTING ELEKTRONIK	1170647	46.1.2
X202	1.0	PIN-PLUG 09 16 108 3001	HARTING ELEKTRONIK	1170639	46.1.2

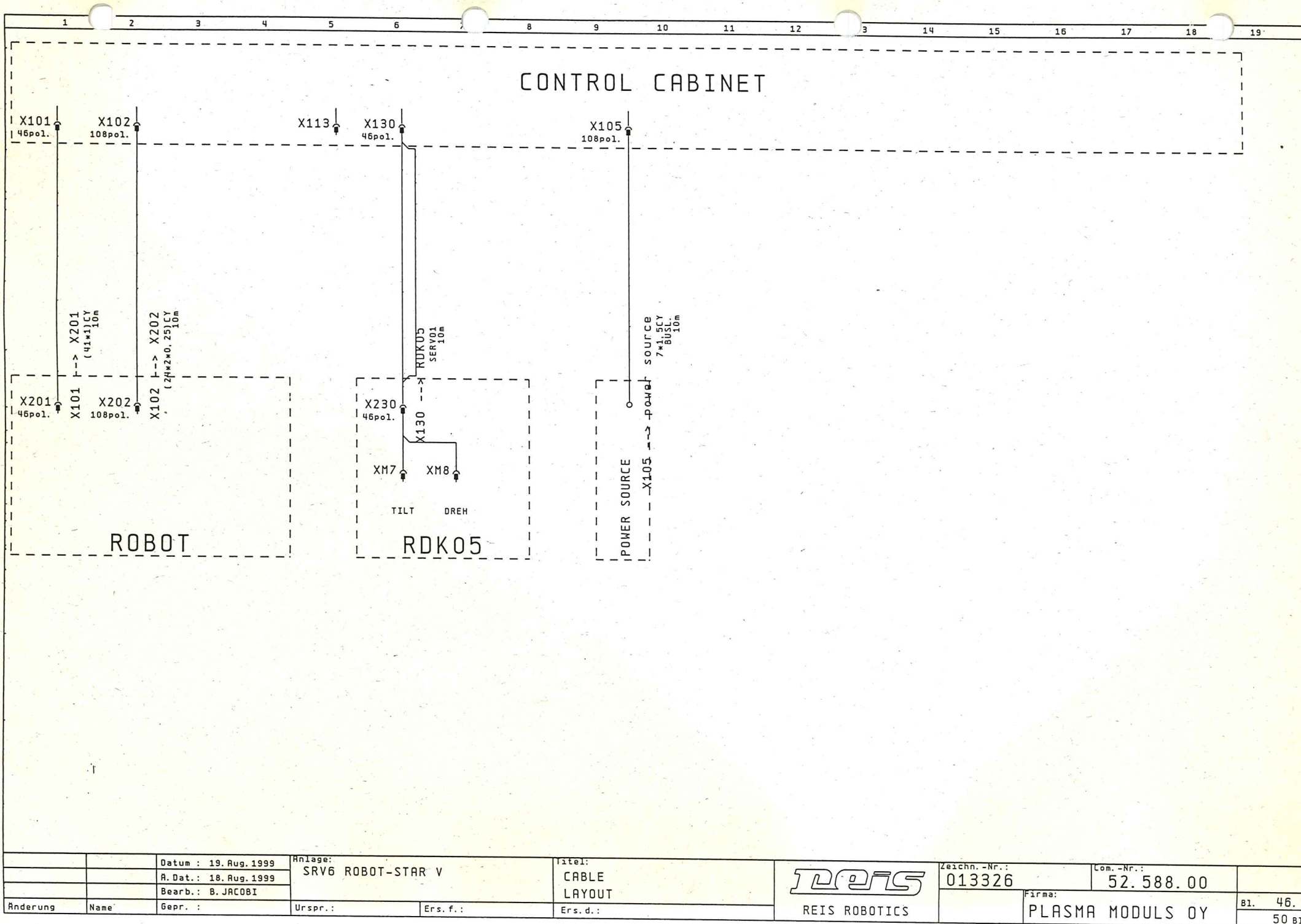
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		A. Dat. : 19. Aug. 1999	SRV6 ROBOT-STAR V	PARTS LIST	013326	52.588.00	
		Bearb. : B. JACOBI					
Anderung	Name	Gepr. :	Urspr. :	Ers. f. :	Ers. d. :	Firma:	Bl. 37
						PLASMA MODULS OY	50 Bl.


REIS

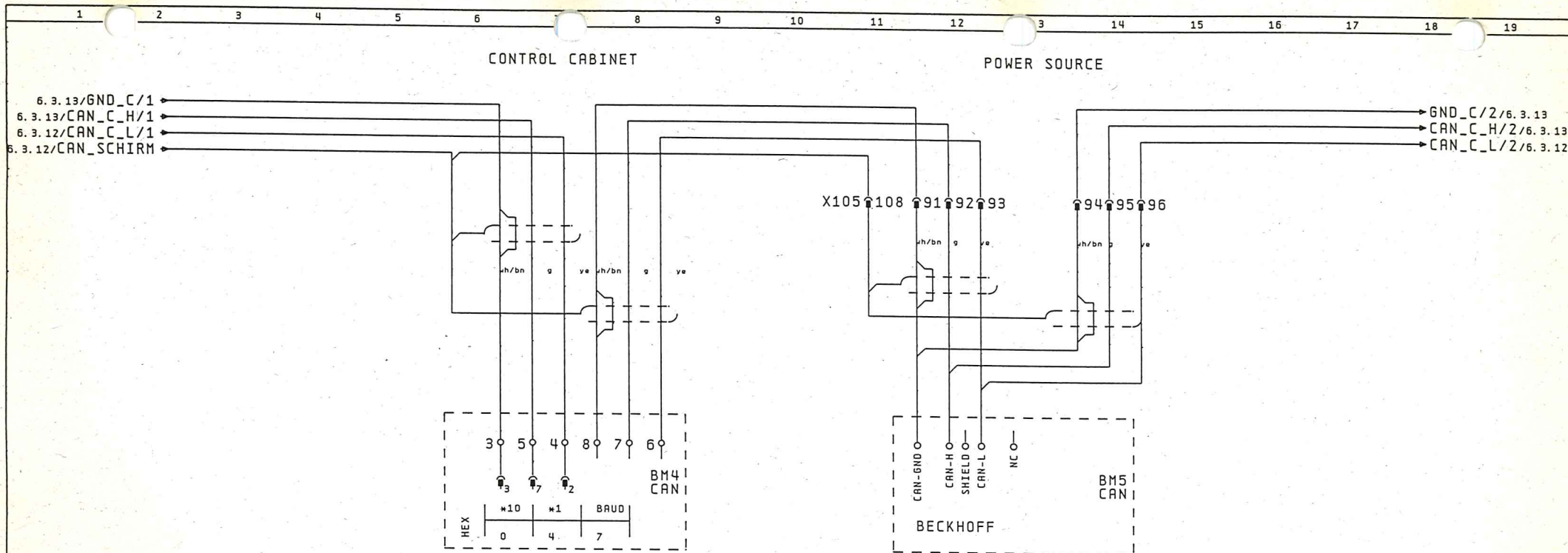
REIS ROBOTICS

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		A. Dat. : 19. Aug. 1999							013326	52.588.00	
		Bearb. : B. JACOBI									
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		Firma: PLASMA MODULS OY		50 Bl.	



		Datum : 19. Aug. 1999	Anlage:		Titel:		 REIS ROBOTICS	Zeichn.-Nr.:		Com.-Nr.:		
		A. Dat.: 18. Aug. 1999	SRV6 ROBOT-STAR V		CABLE LAYOUT			013326		52.588.00		
		Bearb.: B. JACOBI										
Änderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			Firma:		PLASMA MODULS OY		B1. 46. 50 Bl.



FORWARD + BACKWARD wh g ye bn gr pk
FORWARD wh/bn g ye

		Datum : 19. Aug. 1999	Anlage:	Titel:		Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 19. Aug. 1999	SRV6 ROBOT-STAR V	CABLE LAYOUT		013326	52.588.00	
		Bearb.: B. JACOBI		CAN-BUS				
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:	PLASMA MODULS OY	B1. 47.1
						REIS ROBOTICS		50 B1.

Klemmen-Übersichtsplan

WUP14010 / 28. Mai. 1993

Klemmleiste / Stecker	Klemmleisten / Steckerbezeichnung	Anzahl	von Nr.	bis Nr.	PE-Kl.	N-Kl.	Seite und Pfad
X10	TERMINAL STRIP CONTROL CABINET VOLTAGE SUPPLY 24VDC	43	1A	20D	0	0	
X11	TERMINAL STRIP CONTORL CABINET VOLTAGE SUPPLY 230V	23	1	PE	0	0	
X20	TERMINAL STRIP IN THE CONTROL CABINET SAFETY DOOR	19	1	21	0	0	
XM1	PLUG AT THE MOTOR A1	6	A	GND	0	0	
XM2	PLUG AT THE MOTOR A2	6	A	GND	0	0	
XM3	PLUG AT THE MOTOR A3	6	A	GND	0	0	
XM4	PLUG AT THE MOTOR A4	6	A	GND	0	0	
XM5	PLUG AT THE MOTOR A5	6	A	GND	0	0	
XM6	PLUG AT THE MOTOR A6	6	A	GND	0	0	
XM7		7	A	GND	0	0	
XM8	PLUG AT THE MOTOR A8	7	A	GND	0	0	
XM9	PLUG AT THE MOTOR A9	0		GND	0	0	
X101	PLUG AT THE CONTROL CABINET MOTOR 1-6	43	1	PE	0	0	
X102	PLUG AT THE CONTROL CABINET RESOLVER 1-6	72	1	102	0	0	
X105	PLUG AT THE CONTROL CABINET POWER SOURCE	15	1	108	0	0	
X113	PHG PLUG AT THE CONTROL CABINET	25	1	25	0	0	
X115	PLUG AT THE CONTROL CABINET DNC	9	1	9	0	0	
X130		24	6	46	0	0	
X131	PLUG AT THE CONTROL CABINET MOTOR A8+9	15	1	PE	0	0	
X201	PLUG AT THE ROBOT MOTOR 1-6	43	1	PE	0	0	
X202	PLUG AT THE ROBOT RESOLVER 1-6	72	1	102	0	0	
X205	TERMINALS IN THE BUS BOX POWER SOURCE	12	1	6	0	0	
X231	PLUG ON MACHINE MOTOR A8+9	15	1	PE	0	0	
Xext.	PLUG IN PORTABLE TEACH PENDANT	14	1	16	0	0	
1X2	PLUG ON REGULATOR	9	1	9	0	0	
1X3	PLUG ON REGULATOR	9	1	9	0	0	
2X2	PLUG ON REGULATOR	9	1	9	0	0	
2X3	PLUG ON REGULATOR	9	1	9	0	0	
3X2	PLUG ON REGULATOR	9	1	9	0	0	
3X3	PLUG ON REGULATOR	9	1	9	0	0	
4X2	PLUG ON REGULATOR	9	1	9	0	0	
4X3	PLUG ON REGULATOR	9	1	9	0	0	
5X2	PLUG ON REGULATOR	9	1	9	0	0	
5X3	PLUG ON REGULATOR	9	1	9	0	0	
6X2	PLUG ON REGULATOR	9	1	9	0	0	

		Datum: 19. Aug. 1999	Anlage:	Titel:	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 19. Aug. 1999	SRV6 ROBOT-STAR V	TABLE OF THE	013326	52.588.00	
		Bearb.: B. JACOBI		TERMINAL STRIPS			
Änderung	Name	Gepr.:	Urspr.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY	B1. 48 50 B1.

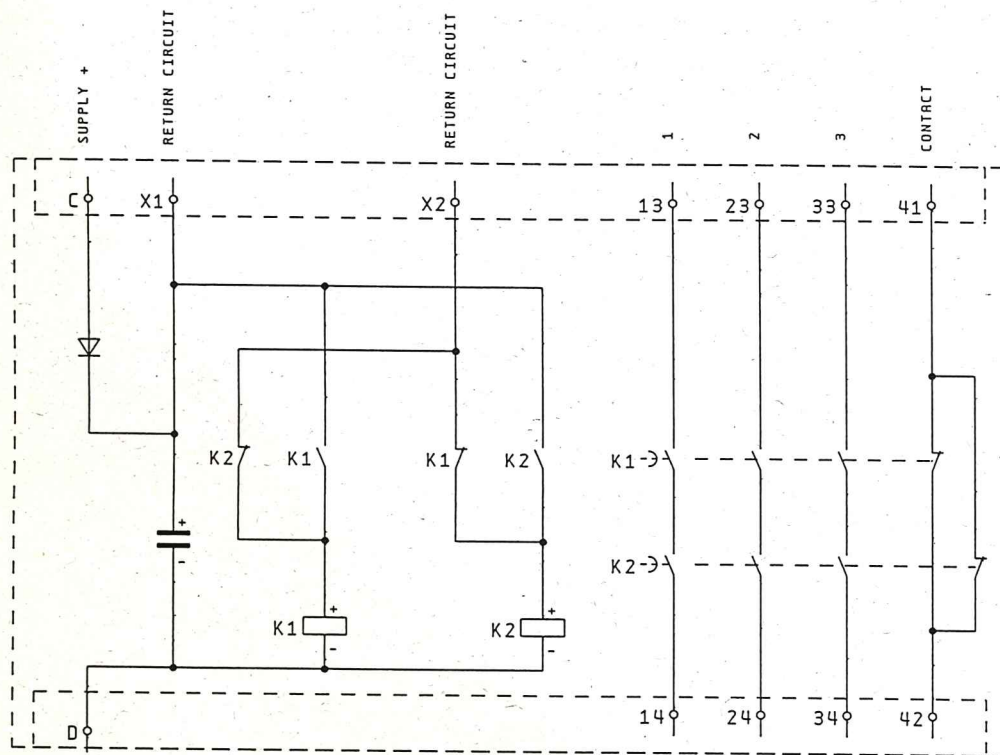
Klemmen-Übersichtsplan

WUP14010 / 28. Mai. 1993

Klemmleiste / Stecker	Klemmleisten / Steckerbezeichnung	Anzahl	von Nr.	bis Nr.	PE-Kl.	N-Kl.	Seite und Pfad
6X3	PLUG ON REGULATOR	9	1	9	0	0	
7X2	PLUG ON REGULATOR	9	1	9	0	0	
7X3	PLUG ON REGULATOR	9	1	9	0	0	
8X2	PLUG ON REGULATOR	9	1	9	0	0	
8X3	PLUG ON REGULATOR	9	1	9	0	0	

INSIDE CIRCUIT

ELAN: SRB-NA-R-C.16
DECELERATION ca. 1sec



DATA:

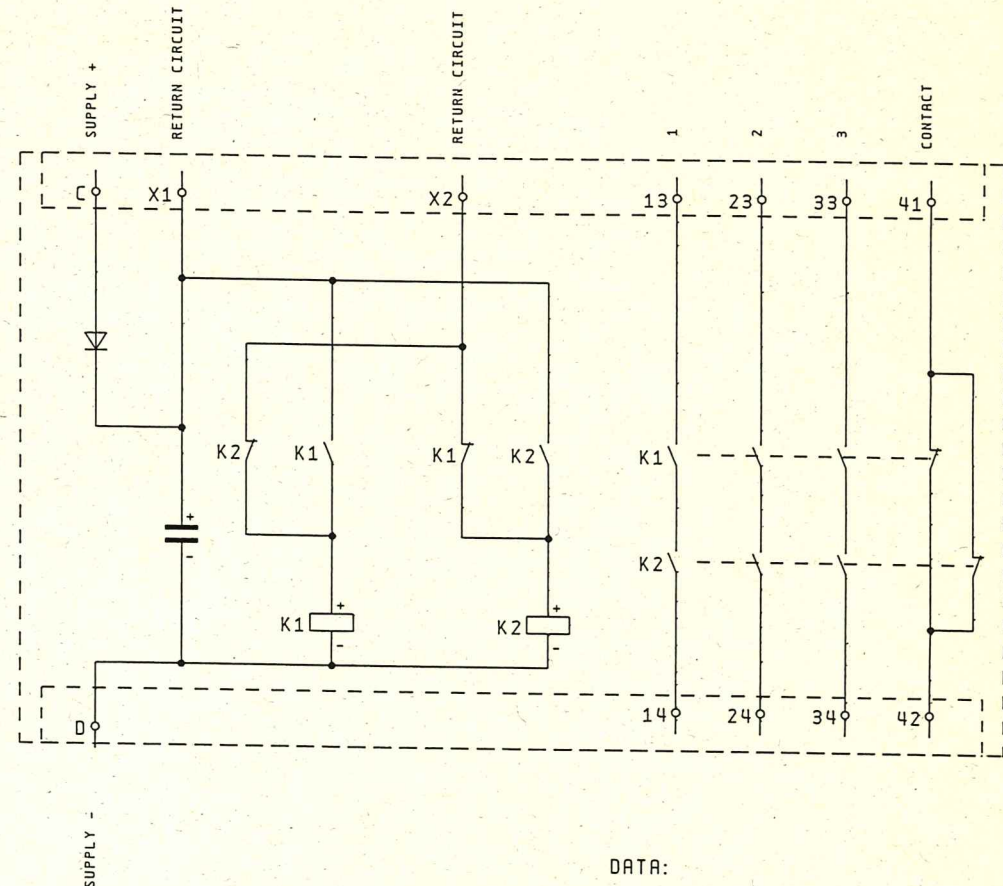
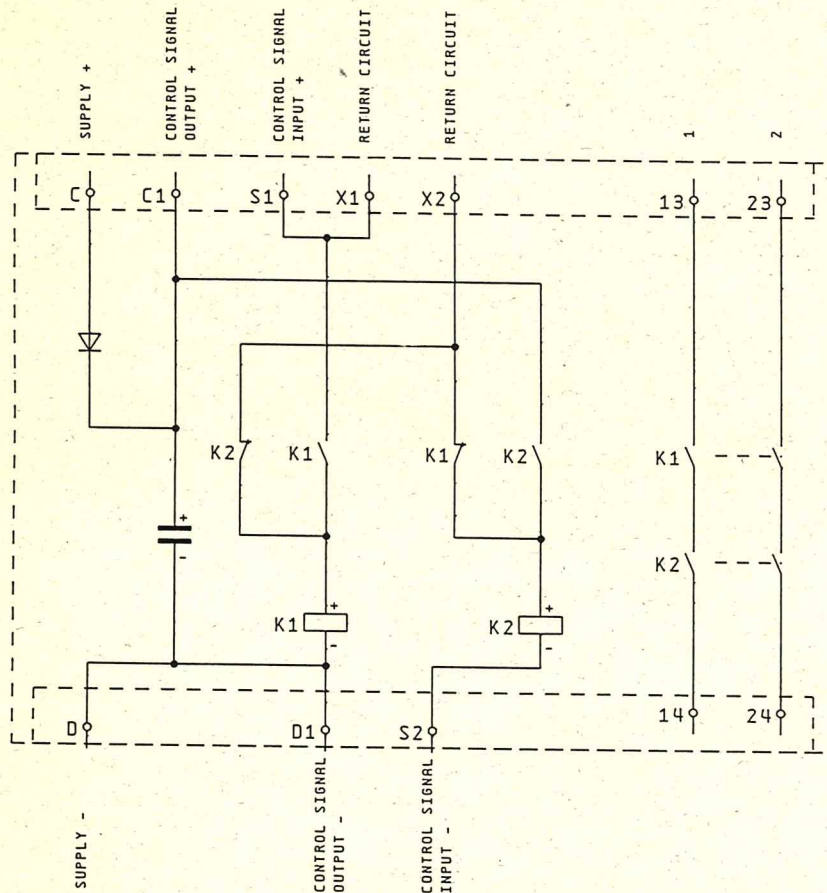
VOLTAGE 24V DC (-15%/+20%)
CURRENT CONSUMPTION 120 ma
NC CONTACT 24V/2A
NO CONTACT 24V/4A

Anderung	Name	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: SAFETY SWITCH UNIT . C16	REIS ROBOTICS	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	Firma: PLASMA MODULS OY	Bl. 49 50 Bl.
		A. Dat.: 19. Aug. 1999	Bearb.: B. JACOBI						
		Gepr.:	Urspr.:	Ers.f.:					

INSIDE CIRCUIT

ELAN: SRB-NA-R-C.14

ELAN: SRB-NA-R-C.15



DATA:

VOLTAGE 24V DC (-15%/+20%)
CURRENT CONSUMPTION 120 ma
NC CONTACT 24V/2A
NO CONTACT 24V/4A

Datum : 19. Aug. 1999

A. Dat. : 19. Aug. 1999

Bearb. : B. JACOBI

Gepr. :

Anlage:

SRV6 ROBOT-STAR V

Titel:

SAFTY SWITCH UNIT
. C14/. C15

Ers.d.:

REIS

REIS ROBOTICS

Zeichn.-Nr.:

013326

Com.-Nr.:

52.588.00

Firma:

PLASMA MODULS OY

B1. 50

50 B1.

Anderung

Name

Urspr.:

Ers.f.: